

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

JACKSON PURCHASE ENERGY)	
CORPORATION)	
_____)	CASE NO. 2012-00240
)	
ALLEGED FAILURE TO COMPLY WITH)	
KRS 278.042)	

ORDER

Jackson Purchase Energy Corporation (“Jackson Purchase”), a Kentucky corporation which engages in the distribution of electricity to the public for compensation for light, heat, power, and other uses, is a utility subject to Commission jurisdiction.¹

KRS 278.042 requires the Commission to ensure that each electric utility constructs and maintains its plant and facilities in accordance with accepted engineering practices as set forth in the Commission’s administrative regulations and orders and in the most recent edition of the National Electrical Safety Code (“NESC”).

KRS 278.030 requires every utility to furnish adequate, efficient and reasonable service. KRS 278.260 permits the Commission, upon its own motion, to investigate any act or practice of a utility that affects or is related to the service of a utility. KRS 278.280(1) further permits the Commission, after conducting such investigation and finding that a practice is unreasonable, unsafe, improper or inadequate to determine the

¹ KRS 278.010(3)(a).

reasonable, safe, proper or adequate practice or methods to be observed and to fix same by Order.

Pursuant to 278.280(2), which directs the Commission to prescribe rules and regulations for the performance of services by utilities, the Commission has promulgated Administrative Regulation 807 KAR 5:006, Section 24, which requires all utilities to adopt and *execute* a safety program.

Commission Staff submitted to the Commission an Incident Investigation Report ("Report") regarding this incident, which is attached as Appendix A. The report alleges that, on February 7, 2012, at 4946 Reidland Road in Paducah, Kentucky, Scot Gordon, owner of Gordon Roofing, sustained burn injuries as a result of an accident while installing a new metal roof on a building at the above address.

According to the Report on the day of the incident, the victim was installing a new metal roof on a building. During this process, a piece of the metal roofing Mr. Gordon was in contact with came into contact with an energized primary conductor. The primary conductor was energized at a level of 7.2kV line to ground. According to Jackson Purchase's report, Mr. Gordon stated he was on his knees putting a piece of roofing trim on the corner of the building when an arc occurred and that he received third degree burns, but he would not reveal to what part of his body. Jackson Purchase's report also states that, when investigating the incident, Jackson Purchase service crew discovered burn marks on the conductor. The marks were about 12 inches long and directly in line with the highest corner of the building roof. Burn marks were also discovered on a piece of roofing that had been fastened down on the east

side of the building. The line in question is a two-phase primary line running approximately parallel to the roofline and is not over the building.

On February 9, 2012, Jackson Purchase took measurements of the line in question. The measurements are attached to Jackson Energy's seven-day report at Attachment B. According to the measurements, the first primary conductor was 4'8" away from the corner of the building, the neutral conductor was 7'5" away from the corner of the building, and the second primary conductor was 11'5" away from the corner of the building. The horizontal clearance for the first primary conductor was 2'10.5", the neutral conductor was 3'6" away from the first primary conductor for a total of 6'4.5", and the second primary conductor was 3'6" away from the neutral conductor for a total of 9'10.5". Jackson Purchase also submitted documentation of the construction date of the line in question. Based on that information, the 1961 edition of the NESC should apply.

Commission investigator, Steve Kingsolver, visited the incident site on February 9, 2012 to conduct an incident site investigation. Photographs were taken during this site visit, noting burns and damage to the conductor.

Based on Commission Staff's investigation of the incident, information contained in the Report, and the information provided by Jackson Purchase in its seven-day summary report (Attachment B to the Report), Commission Staff alleges that Jackson Purchase has violated the following provision of the NESC:

1. 1961 NESC Section 23, Rule 234.C.4 -- Clearances from Buildings -- 4. Conductors Passing By or Over Buildings
(a) Minimum Clearances. Unguarded or accessible supply conductors carrying voltages in excess of 300 volts may be run either beside or over buildings. The vertical or horizontal

clearance to any building or its attachments (balconies, platforms, etc.) shall be as listed below. The horizontal clearance governs above the roof level to the point where the diagonal equals the vertical clearance requirement. From this point the diagonal clearance shall be equal to the vertical clearance requirement. This rule should not be interpreted as restricting the installation of a trolley contact conductor over the approximate center line of the track it serves. (1) For spans of 0 to 150 feet, the clearances shall be as given in table 4.

Table 4—Clearances of supply conductors from buildings

Voltage of Supply Conductors	Horizontal Clearance	Vertical Clearance
	Feet	Feet
300 to 8,700	3	8
8,700 to 15,000	8	8
15,000 to 50,000	10	10
Exceeding 50,000	10 plus 0.4 inch per kV in excess	10 plus 0.4 inch per kV in excess

Based on its review of the Report and being otherwise sufficiently advised, the Commission finds that prima facie evidence exists that Jackson Purchase has failed to comply with KRS 278.042. We further find that a formal investigation into the incident that is the subject matter of the Report should be conducted and that this investigation should also examine the adequacy, safety, and reasonableness of Jackson Purchase's practices related to the construction, installation and repair of electric facilities.

The Commission, on its own motion, HEREBY ORDERS that:

1. Jackson Purchase shall submit to the Commission, within 20 days of the date of this Order, a written response to the allegations contained in the Report.
2. Jackson Purchase shall appear on October 23, 2012, at 10:00 a.m., Eastern Time, in Hearing Room 1 of the Commission's offices at 211 Sower Boulevard in Frankfort, Kentucky, for the purpose of presenting evidence concerning the alleged

violations of KRS 278.042 and showing cause why it should not be subject to the penalties prescribed in KRS 278.990(1) for these alleged violations.

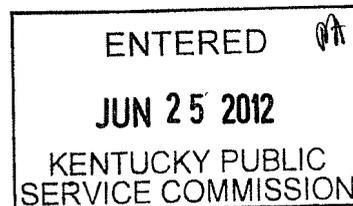
3. At the scheduled hearing in this matter, Jackson Purchase shall also present evidence on the adequacy, safety, and reasonableness of its practices related to the construction, installation and repair of electric facilities and whether such practices require revision as related to this incident.

4. The October 23, 2012 hearing shall be recorded by videotape only.

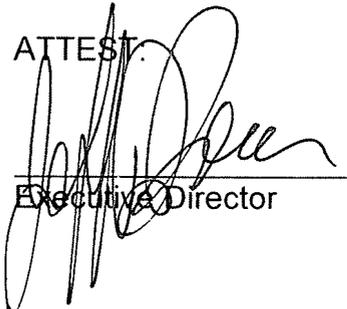
5. The Report in Appendix A is made a part of the record in this case.

6. Any requests for an informal conference with Commission Staff shall be set forth in writing and filed with the Commission within 20 days of the date of this Order.

By the Commission



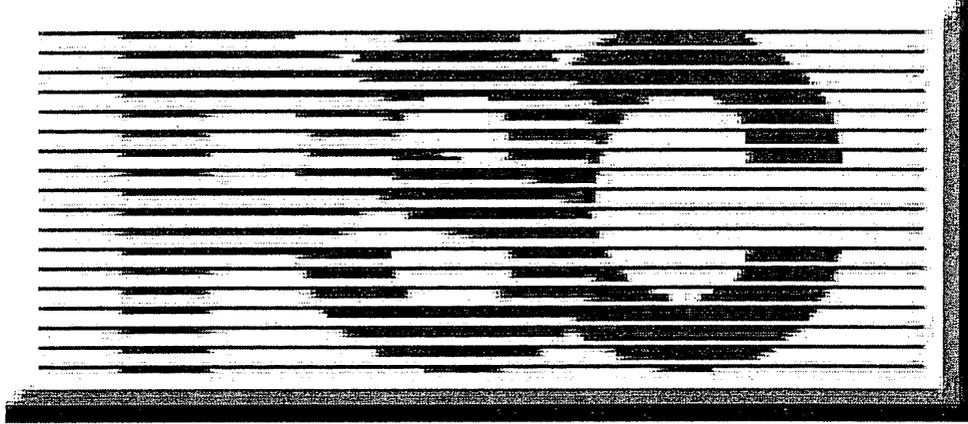
ATTEST:


Executive Director

Case No. 2012-00240

APPENDIX A

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE
COMMISSION IN CASE NO. 2012-00240 DATED **JUN 25 2012**



ACCIDENT INVESTIGATION ~ Staff Report

Report Date ~ April 4, 2012

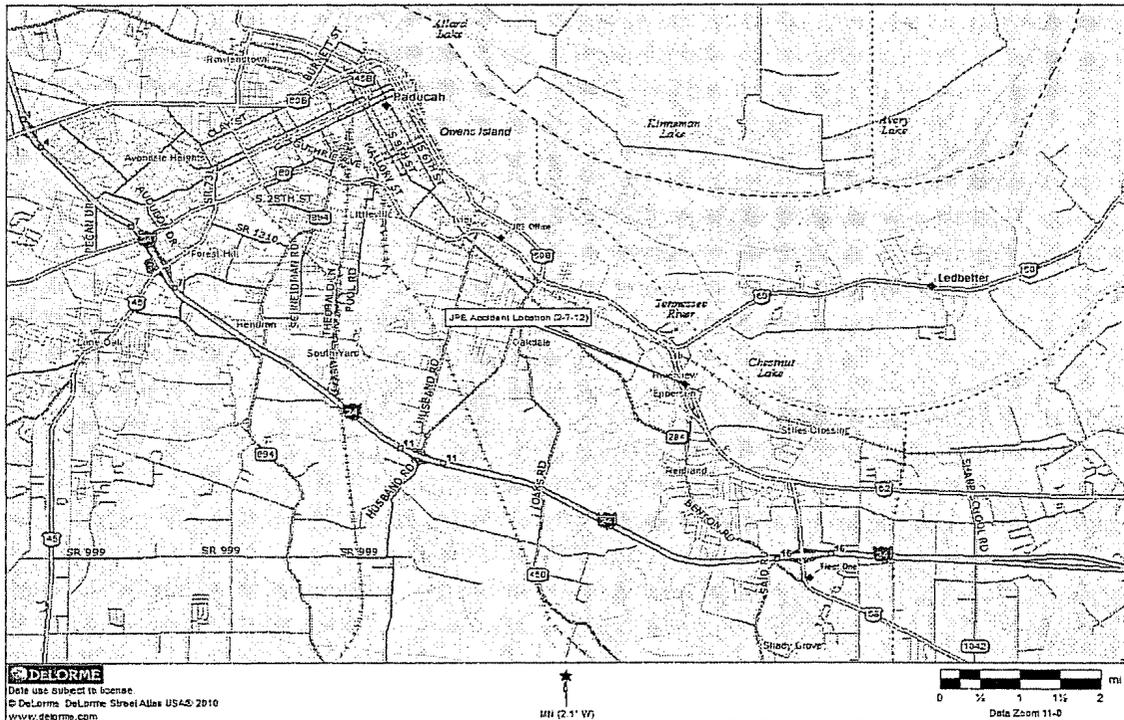
Accident Date ~ February 7, 2012

Serving Utility ~ Jackson Purchase Energy Corp.

Incident Location ~ Paducah, Kentucky

Victim ~ Mr. Scott Gordon

PSC Investigator ~ Mr. Steve Kingsolver



SECTION I: INVESTIGATION - CONTACTS/ACTIONS

Utility: Jackson Purchase Energy Corp. (Jackson Purchase)

Date: 2-9-12 **Time:** 9:00AM CST

PSC Staff Member: Steve Kingsolver

Contact Name: Murray Riley

Contact Address: PO Box 4030, Paducah, Ky. 42002-4030

Contact Telephone: 270-442-7321

Summary of Conversation/Action: Discussion of this accident.

Date: 2-9-12 **Time:** 9:00AM CST

PSC Staff Member: Steve Kingsolver

Contact Name: Craig Gerke

Contact Address: PO Box 4030, Paducah, Ky. 42002-4030

Contact Telephone: 270-442-7321

Summary of Conversation/Action: Discussion of this accident.

SECTION II: FINDINGS

After the accident investigation and review of all the information concerning this situation, it appears that the Jackson Purchase Energy Corp. facilities involved in this accident did not meet or exceed the requirements of the National Electrical Safety Code concerning the primary conductor clearance to buildings.

Steve Kingsolver

SECTION III: RELEVANT CODES, STATUTES, REGULATIONS, OR SAFETY MANUAL ISSUES THAT ARE PERTINENT TO THE INVESTIGATION

KAR 278.042
Service adequacy and safety standards for electric utilities
National Electric Safety Code

National Electric Safety Code: 1961 Edition
Section 234-C

See Attachment E

SECTION IV: NOTIFICATION FROM UTILITY

From: Kingsolver, Steve (PSC)
Wednesday, February 08, 2012 2:36 PM
Cole, Kimra H (PSC); Gorjian, Fereydoon (PSC); Johnson, Jeff A (PSC); Kingsolver, Steve (PSC); Moore, Jeffrey C (PSC); Russell, Elie R (PSC); Shupp, John (PSC); Willard, Kyle (PSC); Morris, Scott A (PSC); Bowman, Eric C (PSC)
Subject: Fw: Courtesy Notification
Below you will see the information from JPE on a possible primary contact. At this time I am handling as a courtesy notice until JPE confirms the contact or not. I will forward additional information as it comes in.
Steve Kingsolver

From: Craig Gerke [mailto:Craig.Gerke@jpenenergy.com]
Sent: Wednesday, February 08, 2012 01:49 PM
To: Kingsolver, Steve (PSC)
Cc: Kelly Nuckols <Kelly.Nuckols@jpenenergy.com>
Subject: Courtesy Notification

Steve,
Per our phone conversation, this is to notify you of a possible electrical contact on our system. This morning, JPEC was made aware of a story that ran on the local 6:00 pm news last night (2/7/2012) regarding a person working on a roof getting a piece of roofing into electrical lines. The story indicated the person received second and third degree burns and was taken to a hospital for treatment. JPEC has not been notified of the incident. JPEC has begun an investigation into the possible incident and we will contact you when we have more information.

Craig Gerke,
Jackson Purchase Energy Corporation

Investigated By:

Name:

Company:

Steve Kingsolver
Utility regulatory and Safety Investigator IV

KPSC

Signed:



Date:

4-4-12

Attachments:

- A. KPSC Investigator Report
- B. Utility Summary Report
- C. KPSC Photographs of Accident
- D. KPSC Maps
- E. 1961 Edition of the National Electrical Safety Code
Section 234-C
- F. Site Diagram

Attachment A

KPSC Investigator Report

Kentucky Public Service Commission
Electric Utility Personal Injury Accident Report

Utility: Jackson Purchase Energy Corp. (Jackson Purchase)
Reported By: Craig Gerke, VP Operations and Engineering
Incident Occurred: February 7, 2012 Approximately 1:45 PM CST
Utility Notified: February 8, 2012 Approximately 11:30 AM CST
PSC Notified: February 8, 2012 Approximately 11:30 AM CST
PSC Investigated: February 9, 2012 Approximately 9:00 AM CST
Summary Report Received: February 15, 2012

Incident Location: 4946 Reidland Road
Paducah, Kentucky
McCracken County

Incident Description:

<u>Victim:</u>	<u>Name:</u>	<u>Employer:</u>
	Scott Gordon	Owner of Gordon Roofing

<u>Information From:</u>	<u>Name:</u>	<u>Position:</u>	<u>Employer:</u>
	Murray Riley	Safety Director	Jackson Purchase
	Craig Gerke	VP Engineering and Operations	Jackson Purchase

Description:

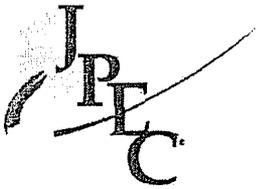
On February 8, 2012 I received a call from Craig Gerke, Vice President of Engineering and Operations, with Jackson Purchase. He informed me that they had been notified of a possible public primary voltage contact. Confirmation of the action was obtained later that day. On February 9, 2012, I performed an investigation on this accident. From the information obtained during this investigation and the information provided by Jackson Purchase in the utility summary report, the following is a description of what took place:

The owner of Gordon Roofing, Scott Gordon, was installing a new metal roof on a building at 4946 Reidland Road, Paducah, Kentucky in McCracken County. During the process of installing a piece of the metal roofing it appears that the victim, Scott Gordon, made contact with the metal roofing that he was in contact with to an energized primary conductor, which was energized at a level of 7.2kV line to ground. The victim, Scott Gordon, informed Jackson Purchase investigators that he received third degree burns, but would not inform them to what part of the body.

My conclusion on the facts of this accident is the energized primary conductor involved in this accident did not meet or exceed the requirement set forth in the National Electrical Safety Code on conductor clearance from buildings. The energized primary conductor involved in this accident was

Attachment B

Utility Summary Report



Jackson Purchase Energy
P.O. Box 4030 • 2900 Irvin Cobb Drive
Paducah, KY 42002-4030
270.442.7321 • 800.633.4044

*Your Cooperative Partner by Choice
Online at JPEnergy.com*

February 15, 2012

Mr. Steve Kingsolver
Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40602

RECEIVED

FEB 16 2012

PUBLIC SERVICE
COMMISSION

Re: Summary Report of Injury Incident – 02/07/2012

Mr. Kingsolver:

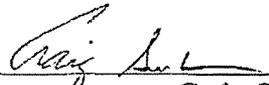
Enclosed is JPEC's seven (7) day summary report of the injury incident that occurred on JPEC's facilities on February 7, 2012. This incident involved a roofer getting "shocked" while working on a building.

We have included all of the information you requested in our meeting at JPEC's facilities on February 9, 2012.

If you have any questions or need additional information, please let us know.

Sincerely,

JACKSON PURCHASE ENERGY CORPORATION

By 
Craig Gerke
Interim Vice President of Engineering



Your Touchstone Energy® Partner
The power of human connections

**JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012**

Incident Time: It is believed that the incident occurred on 2/7/2012 at 1:45 p.m. CST. However, JPEC has not been able to confirm this information.

Utility Investigation Began: 2/8/2012 at 11:30 a.m. CST

P.S.C Notified: 2/8/2012 at 11:55 a.m. CST

P.S.C Investigated: 2/9/2012 at 9:00 a.m. CST

Incident Location: 4946 Reidland Rd.
Paducah, KY
McCracken County

Summary of Incident

At approximately 10:00 a.m. CST 02/08/2012, Jackson Purchase Energy Corporation ("JPEC") personnel became aware of a story that ran on the local 6:00 o'clock evening news on 02/07/2012 indicating that a person had been "shocked" while working on a roof in the Reidland Area. JPEC had not received notification of an incident and Murray Riley, JPEC's Safety Coordinator, began to investigate to determine if the power lines involved belonged to JPEC. After several phone calls, we were given an address for the incident by a local ambulance service and determined the power lines involved were JPEC's. JPEC reviewed outage logs and sequence of events for the substation recloser that serves the area and no events were recorded for the date of 02/07/2012. Much of the following information has come to JPEC as hearsay as JPEC was unable to obtain information from eyewitnesses as explained below.

At approximately 1:00 p.m., Mr. Riley arrived at the location of the incident and was met by JPEC Operations Manager and a JPEC service crew. The service crew began to examine the power line and discovered burn marks on the conductor. The marks were about twelve inches long and directly in line with the highest corner of the building roof. Burn marks were also discovered on a piece of roofing that had been fastened down. This piece was nailed down on the east side of the building.

The power line in question is a two phase primary line running approximately parallel to the roofline and is not over the building. The voltage of the primary line is 7.2kV line-to-ground. The service crew took measurements from the highest corner of the building roof to the primary line with the burn marks. See Attachment B for a list of all measurements taken.

According to the script from the local 6:00 p.m. news, a roofer was working on the building in question when a piece of roofing got into the power lines.

Ms. Debbie Clark was working inside the building where the incident occurred. She was unaware anything happened until an ambulance pulled into the driveway. Ms. Clark gave the time of the incident as approximately 1:45 p.m. 02/07/2012. She stated the injured person was carried away

**JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012**

in an ambulance and later air lifted to Nashville. She informed us that Gordon Roofing was working on the roof at the time of the incident and that the owner may have been the person involved. JPEC has confirmed the injured person was a Mr. Scott Gordon and he is the owner of Gordon Roofing.

Summary of Personnel Affected

According to the news transcript deputies reported the roofer was conscious but received second and third degree burns and was taken to a hospital for treatment.

JPEC contacted Mr. Gordon on 02/14/2012 confirming that he was in fact the injured party and attempted to discuss the occurrence and his potential injuries. He stated to JPEC that he had received third degree burns but would not say where the burns were located. JPEC is not aware of any other injuries to the roofer.

Damage Summary

There was no damage to any property or equipment.

Weather Conditions

Incident Time - Mostly cloudy, approximately 50 degrees F, light wind
Utility Investigation - Overcast, approximately 38 degrees F, windy
See Attachment C.

Witness Statements

On 02/14/2012, as a result of a call into JPEC's dispatch center, JPEC contacted Mr. Scott Gordon, who was, in fact, the injured person and asked for a statement. Mr. Gordon confirmed to JPEC that he is the owner of the company, Gordon Roofing, and they were working on the building at the time of the incident. He indicated there were three other employees present but would not give us their names. He stated he was on his knees putting a piece of roofing trim on the corner of the building. He stated that he never touched the conductor, but it arced over.

Last Two Year System Inspection

See Attachment E.

Other Activity by Company

See Attachment F.

Outage Information as a Result of Incident

JPEC did not experience an interruption of service because of the incident.

**JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012**

System Protective Device: Cutout – 50 amp type K fuse

Construction Dates of Involved Facilities

JPEC has not been able to determine the exact construction date of the span of conductor involved at this time. JPEC distribution maps revised in 1976 show the span as existing. The building involved has a connect date of 1/03/1983.

Additional Information

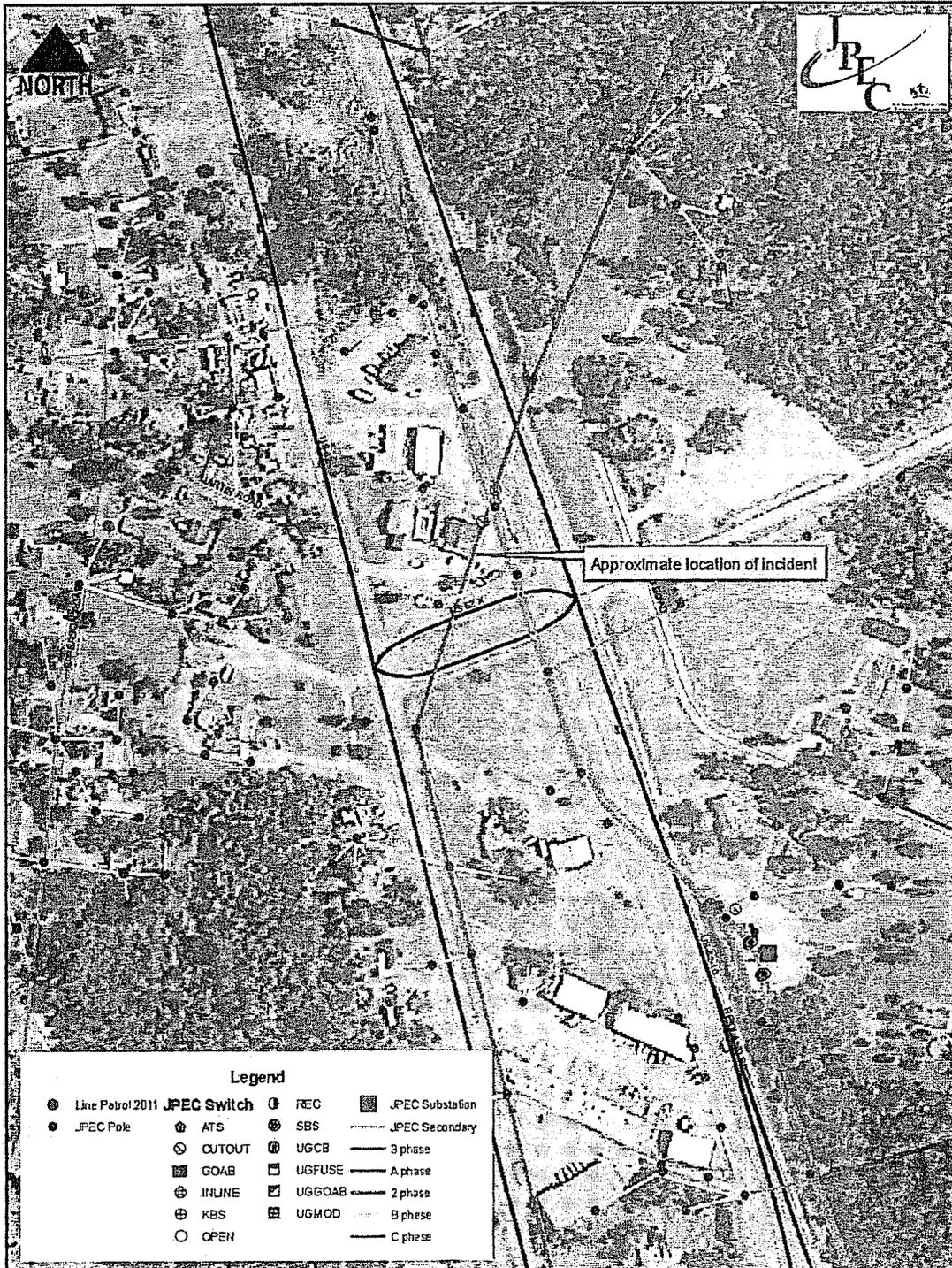
On the afternoon of 02/09/2012, JPEC was informed by Ms. Debbie Clark, that the roofing company involved was returning the next morning to finish work. Since JPEC had received notification that work may occur, it was decided to temporarily modify the primary span involved. See attachment G for measurements and pictures of the modification. The following morning, Mr. Murray Riley and an Operations Supervisor visited the location try to take witness statements, however the roofing company was not present.

List of Attachments

- A. Map of Area with Satellite Imagery
- B. Measurements
- C. Climate reports from National Weather Service in Paducah
- D. Pictures of incident location
- E. Last Two Year System Inspection for Area
- F. Other Activity by Company
- G. Temporary Modification of Incident Location
- H. Transcript from Local News

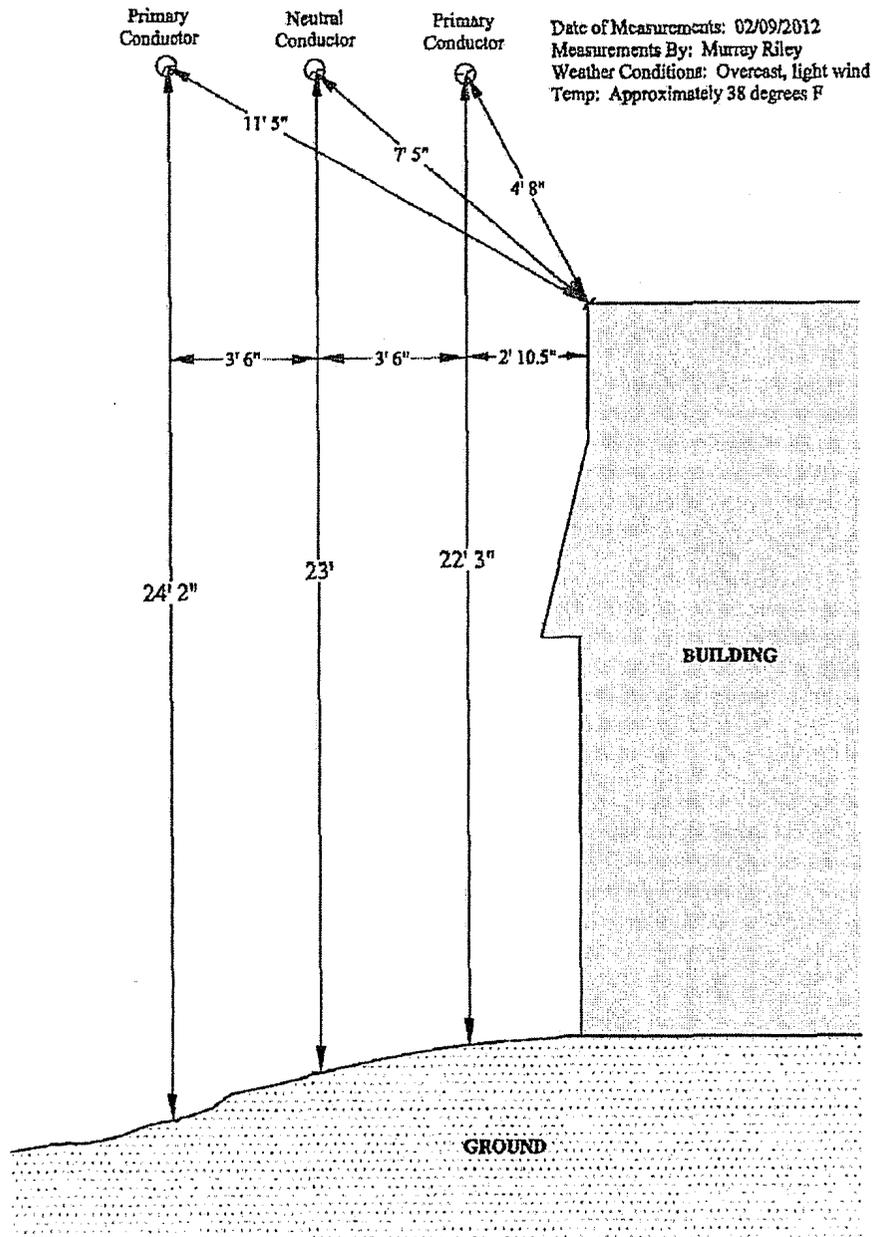
JACKSON PURCHASE ENERGY CORPORATION (JPEC)
 REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment A
 Map of Area with Satellite Imagery



JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment B
Measurements



**JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012**

Attachment C

Climate Reports from National Weather Service in Paducah

National Weather Service - Climate Data

<http://www.nws.noaa.gov/climate/getclimate.php?wfo=pat>

These data are preliminary and have not undergone final quality control by the National Climatic Data Center (NCDC). Therefore, these data are subject to revision. Final and certified climate data can be accessed at the NCDC - <http://www.ncdc.noaa.gov>.

Climatological Report (Daily)

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CDUS43 KPAH 080636
CLLPAH

CLIMATE REPORT
NATIONAL WEATHER SERVICE PADUCAH KY
1232 AM CST WED FEB 8 2012

.....
...THE PADUCAH KY CLIMATE SUMMARY FOR FEBRUARY 2012...

CLIMATE NORMAL PERIOD 1981 TO 2010
CLIMATE RECORD PERIOD 1937 TO 2012

WEATHER ITEM	OBSERVED TIME VALUE	RECORD YEAR VALUE	RECORD YEAR	NORMAL VALUE	DEPARTURE FROM NORMAL	LAST YEAR
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.....
TEMPERATURE (F)
YESTERDAY
MAXIMUM 52 1:58 PM 66 1989 47 5 38
MINIMUM 27 7:20 AM 3 1982 28 -1 25
AVERAGE 40 37 3 22

PRECIPITATION (IN)
YESTERDAY 1 1.00 1961 0.13 -0.13 0.51
MONTH TO DATE 1.11 0.99 0.12 1.39
SINCE DEC 1 11.95 9.26 2.69 4.75
SINCE JAN 1 4.66 4.67 -0.01 2.53

SNOWFALL (IN)
YESTERDAY 0.0 6.0 2011 0.1 -0.1 6.0
MONTH TO DATE 0.0 0.9 -0.9 6.5
SINCE DEC 1 0.1 6.1 -6.0 16.4
SINCE JUL 1 0.4 6.2 -5.8 16.4
SNOW DEPTH 0

DEGREE DAYS
HEATING
YESTERDAY 25 28 -3 23
MONTH TO DATE 126 200 -72 237
SINCE DEC 1 1610 1996 -386 2284
SINCE JUL 1 2300 2773 -473 2980

COOLING
YESTERDAY 0 0 0 0
MONTH TO DATE 0 0 0 0
SINCE DEC 1 0 0 0 0
SINCE JAN 1 0 0 0 0
.....

JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment C

Climate Reports from National Weather Service in Paducah

National Weather Service - Climate Data

<http://www.nws.noaa.gov/climate/getclimate.php?wfo=pat>

WIND (MPH)
HIGHEST WIND SPEED 10 HIGHEST WIND DIRECTION W (250)
HIGHEST GUST SPEED 13 HIGHEST GUST DIRECTION W (250)
AVERAGE WIND SPEED 1.8

SKY COVER
POSSIBLE SUNSHINE MM
AVERAGE SKY COVER 0.4

WEATHER CONDITIONS
THE FOLLOWING WEATHER WAS RECORDED YESTERDAY.
LIGHT RAIN
FOG
HAZE

RELATIVE HUMIDITY (PERCENT)
HIGHEST 100 800 AM
LOWEST 44 1200 PM
AVERAGE 72

.....
THE PADUCAH KY CLIMATE NORMALS FOR TODAY

	NORMAL	RECORD	YEAR
MAXIMUM TEMPERATURE (F)	47	70	2009 2001
MINIMUM TEMPERATURE (F)	28	-1	1985

SUNRISE AND SUNSET
FEBRUARY 8 2012.....SUNRISE 652 AM CST SUNSET 577 PM CST
FEBRUARY 9 2012.....SUNRISE 651 AM CST SUNSET 528 PM CST

- INDICATES NEGATIVE NUMBERS.
R INDICATES RECORD WAS SET OR TIED.
MM INDICATES DATA IS MISSING.
T INDICATES TRACE AMOUNT.

46

***** AGRICULTURAL DATA *****

SOIL TEMPERATURES AT A DEPTH OF FOUR INCHES

UNDER BARE GROUND... MAX: 44 MIN: 14
UNDER GRASS..... MAX: 46 MIN: 45

***** DATA FOR CAPE GEARDEAU MISSOURI FOR 2/7/2012 *****

HIGH: 51 LOW: 28 PRECIPITATION: 0.01 INCHES

JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment C

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<http://www.nws.noaa.gov/climate/getclimate.php?wfo=pad>

The U.S. Naval Observatory (USNO) computes astronomical data. Therefore, the NWS does not record, certify, or authenticate astronomical data. Computed times of sunrise, sunset, moonrise, moonset, and twilight, moon phases and other astronomical data are available from USNO's Astronomical Applications Department (<http://www.usno.navy.mil>). See <http://www.usno.navy.mil/USNO/astronomical-applications/astronomical-information-center/litigation> for information on using these data for legal purposes.

**JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012**

Attachment C

Climate Reports from National Weather Service in Paducah

National Weather Service - Climate Data

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Climatological Report (Daily)

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CDUS43 KEPAH 090632
CLEPAH

CLIMATE REPORT
NATIONAL WEATHER SERVICE PADUCAH KY
1230 AM CST THU FEB 9 2012

.....
...THE PADUCAH KY CLIMATE SUMMARY FOR FEBRUARY 8, 2012...

CLIMATE NORMAL PERIOD 1981 TO 2010
CLIMATE RECORD PERIOD 1937 TO 2012

WEATHER ITEM	OBSERVED TIME VALUE	(LST)	RECORD YEAR VALUE	NORMAL VALUE	DEPARTURE FROM NORMAL	LAST YEAR
--------------	---------------------	-------	-------------------	--------------	-----------------------	-----------

.....
TEMPERATURE (F)

YESTERDAY

MAXIMUM	43	1239 AM	70	2009	47	-4	26
				2001			
MINIMUM	32	855 PM	-1	1985	28	4	19
AVERAGE	38				27	1	24

PRECIPITATION (IN)

YESTERDAY	0.01		1.00	1945	0.14	-0.13	T
MONTH TO DATE	1.12				1.13	-0.01	1.39
SINCE DEC 1	11.96				9.40	2.56	4.75
SINCE JAN 1	4.67				4.01	-0.14	2.53

SNOWFALL (IN)

YESTERDAY	0.0		3.6	1920	0.1	-0.1	T
MONTH TO DATE	0.0				1.0	-1.0	6.5
SINCE DEC 1	0.1				6.2	-6.1	16.4
SINCE JUL 1	0.4				6.3	-5.9	15.4
SNOW DEPTH	0						

DEGREE DAYS

HEATING

YESTERDAY	27				20	-1	41
MONTH TO DATE	155				228	-73	276
SINCE DEC 1	1637				2024	-387	2325
SINCE JUL 1	2327				2801	-474	3021

COOLING

YESTERDAY	0				0	0	0
MONTH TO DATE	0				0	0	0
SINCE DEC 1	0				0	0	0
SINCE JAN 1	0				0	0	0

.....

JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment C

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National Weather Service - Climate Data

<http://www.nws.noaa.gov/climate/getclimate.php?wfo=pat>

WIND (MPH)
HIGHEST WIND SPEED 14 HIGHEST WIND DIRECTION N (350)
HIGHEST GUST SPEED 18 HIGHEST GUST DIRECTION N (350)
AVERAGE WIND SPEED 7.1

SKY COVER
POSSIBLE SUNSHINE 1M
AVERAGE SKY COVER 0.9

WEATHER CONDITIONS
THE FOLLOWING WEATHER WAS RECORDED YESTERDAY.
LIGHT RAIN
FOG
HAZE

RELATIVE HUMIDITY (PERCENT)
HIGHEST 92 700 AM
LOWEST 64 700 PM
AVERAGE 78

.....
THE PADUCAH KY CLIMATE NORMALS FOR TODAY

	NORMAL	RECORD	YEAR
MAXIMUM TEMPERATURE (F)	47	72	2009
MINIMUM TEMPERATURE (F)	26	-1	1979

SUNRISE AND SUNSET
FEBRUARY 9 2012.....SUNRISE 051 AM CST SUNSET 526 PM CST
FEBRUARY 10 2012.....SUNRISE 050 AM CST SUNSET 529 PM CST

- INDICATES NEGATIVE NUMBERS.
R INDICATES RECORD WAS SET OR TIED.
M INDICATES DATA IS MISSING.
T INDICATES TRACE AMOUNT.

..

***** AGRICULTURAL DATA *****
SOIL TEMPERATURES AT A DEPTH OF FOUR INCHES

UNDER BARE GROUND... MAX: 13 MIN: 13
UNDER GRASS..... MAX: 46 MIN: 44

***** DATA FOR CAPE GIRARDEAU MISSOURI FOR 2/8/2012 *****
HIGH: 41 LOW: 31 PRECIPITATION: TRACE

JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment C

Climate Reports from National Weather Service in Paducah

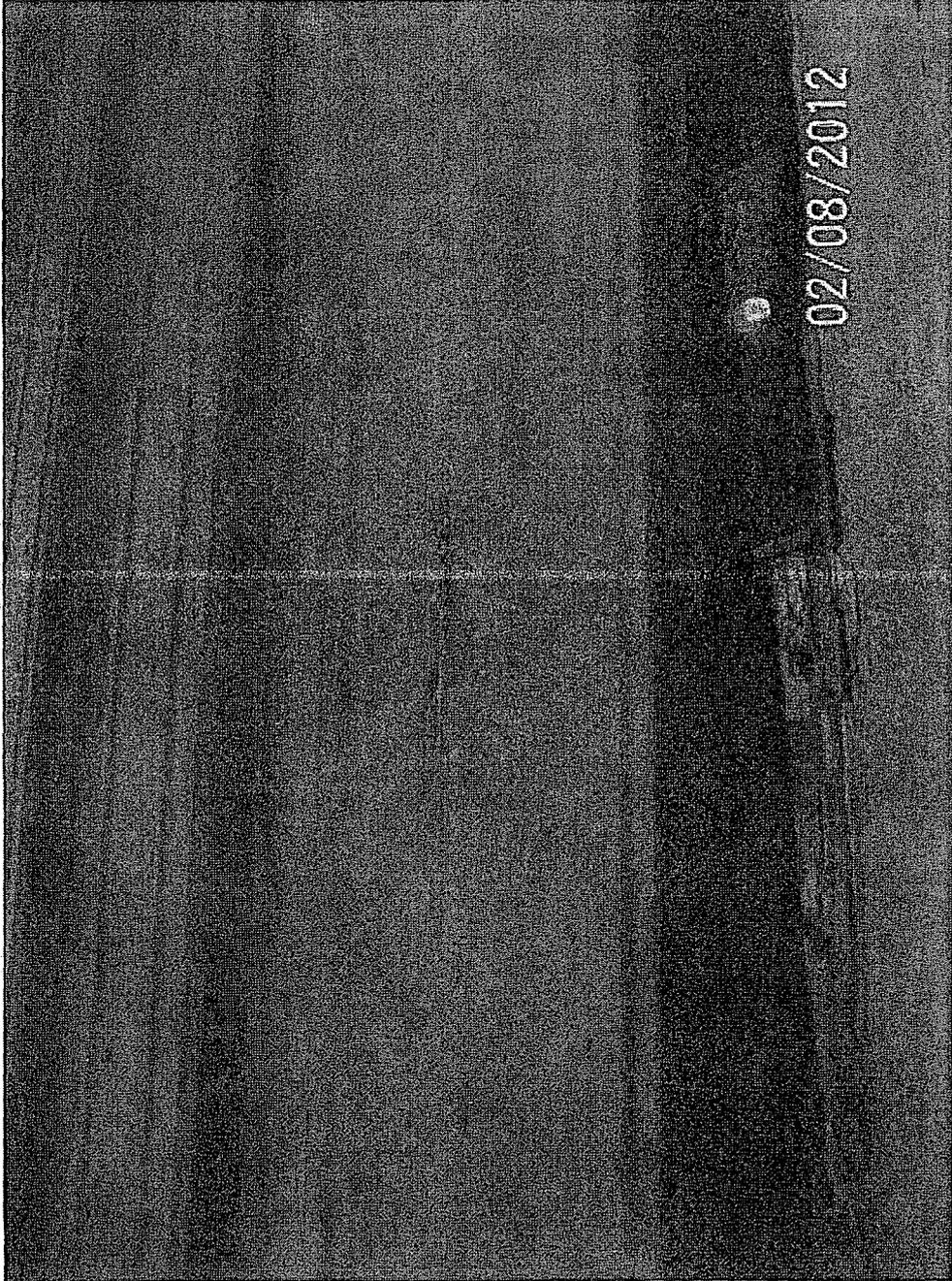
National Weather Service - Climate Data

<http://www.nws.noaa.gov/climate/getclimate.php?wfo=pah>

The U.S. Naval Observatory (USNO) computes astronomical data. Therefore, the NWS does not record, certify, or authenticate astronomical data. Computed times of sunrise, sunset, moonrise, moonset; and twilight, moon phases and other astronomical data are available from USNO's Astronomical Applications Department (<http://www.usno.navy.mil>). See <http://www.usno.navy.mil/USNO/astronomical-applications/astronomical-information-center/litigation> for information on using these data for legal purposes.

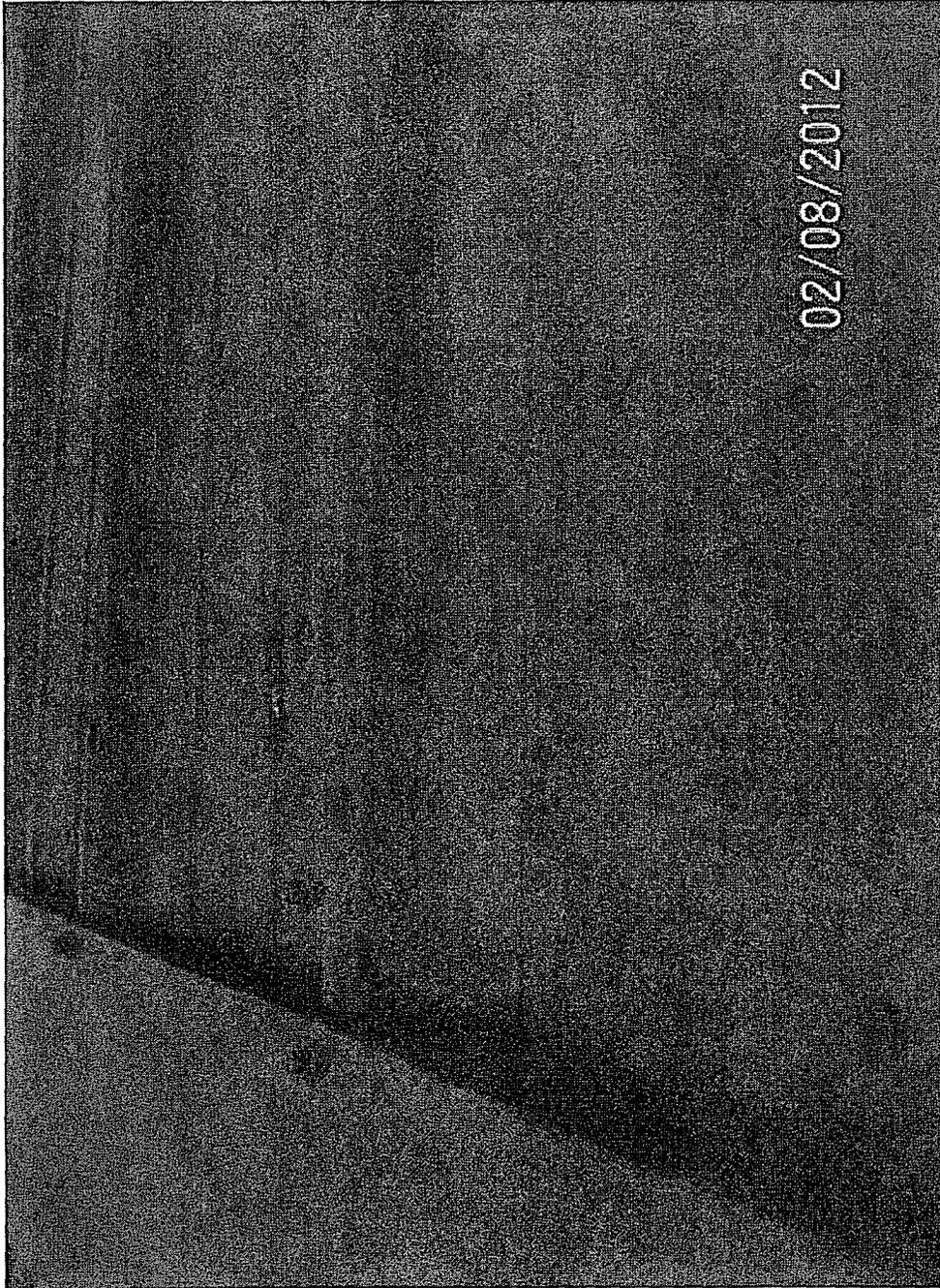
JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D
Burn Mark #1 on Roofing Material attached to East Side of Building



JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

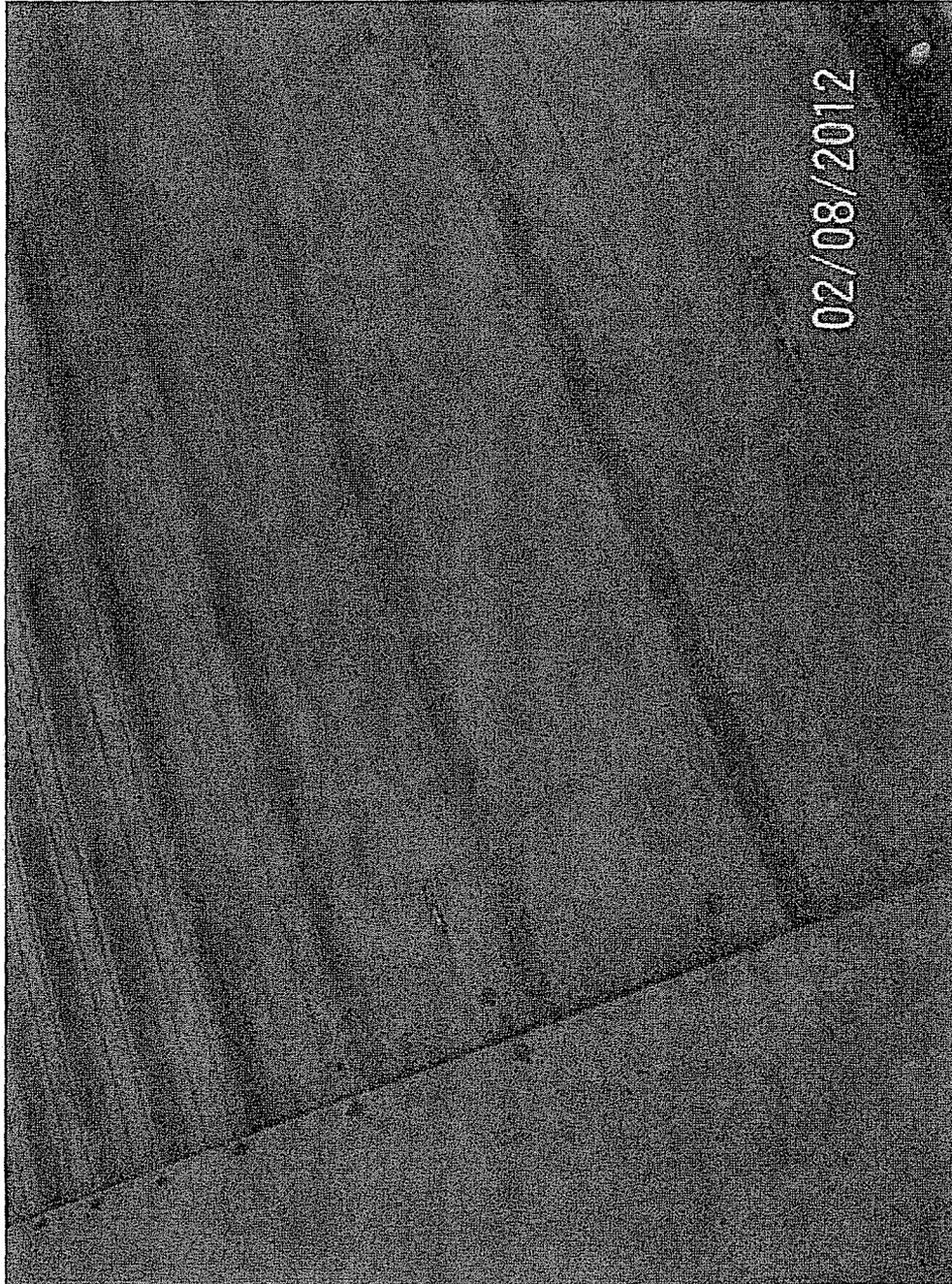
Attachment D
Burn Mark #2 on Roofing Material attached to East Side of Building



JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

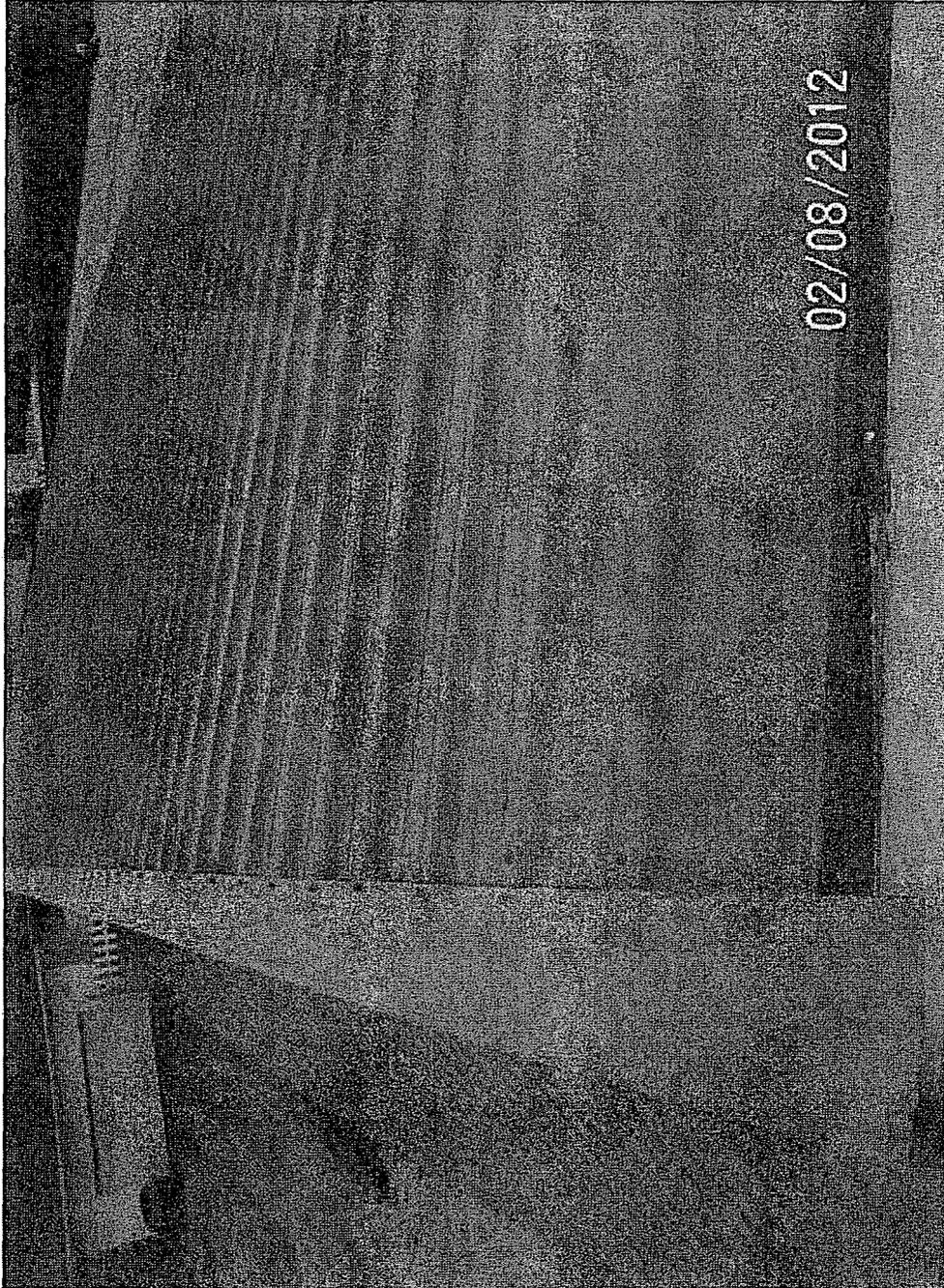
Attachment D

Burn Marks #1 & #2 on Roofing Material attached to East Side of Building



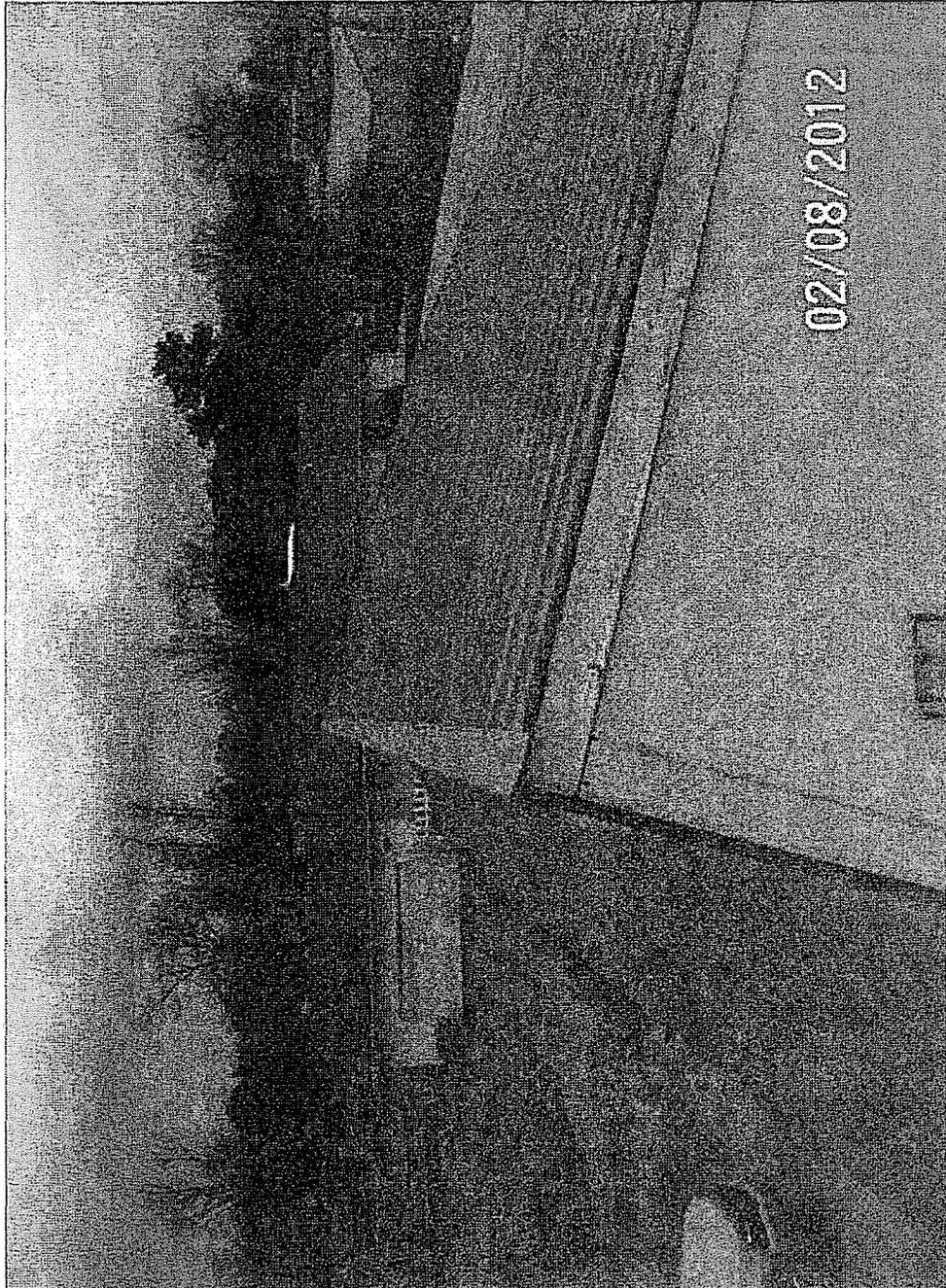
JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D
Burn Marks #1 & #2 on Roofing Material attached to East Side of Building
Facing Northwest



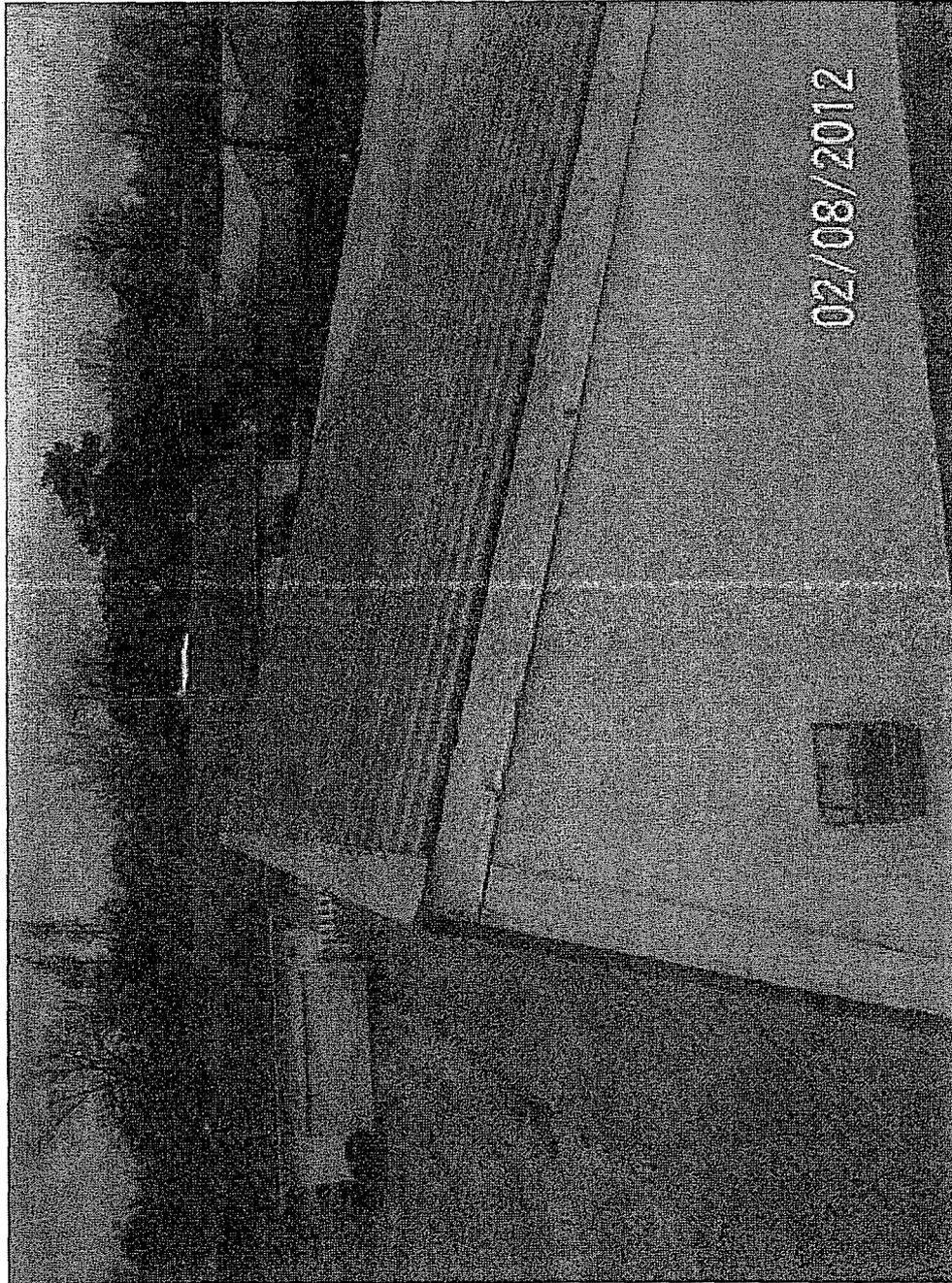
JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D
Roofline of Building
Facing Northwest



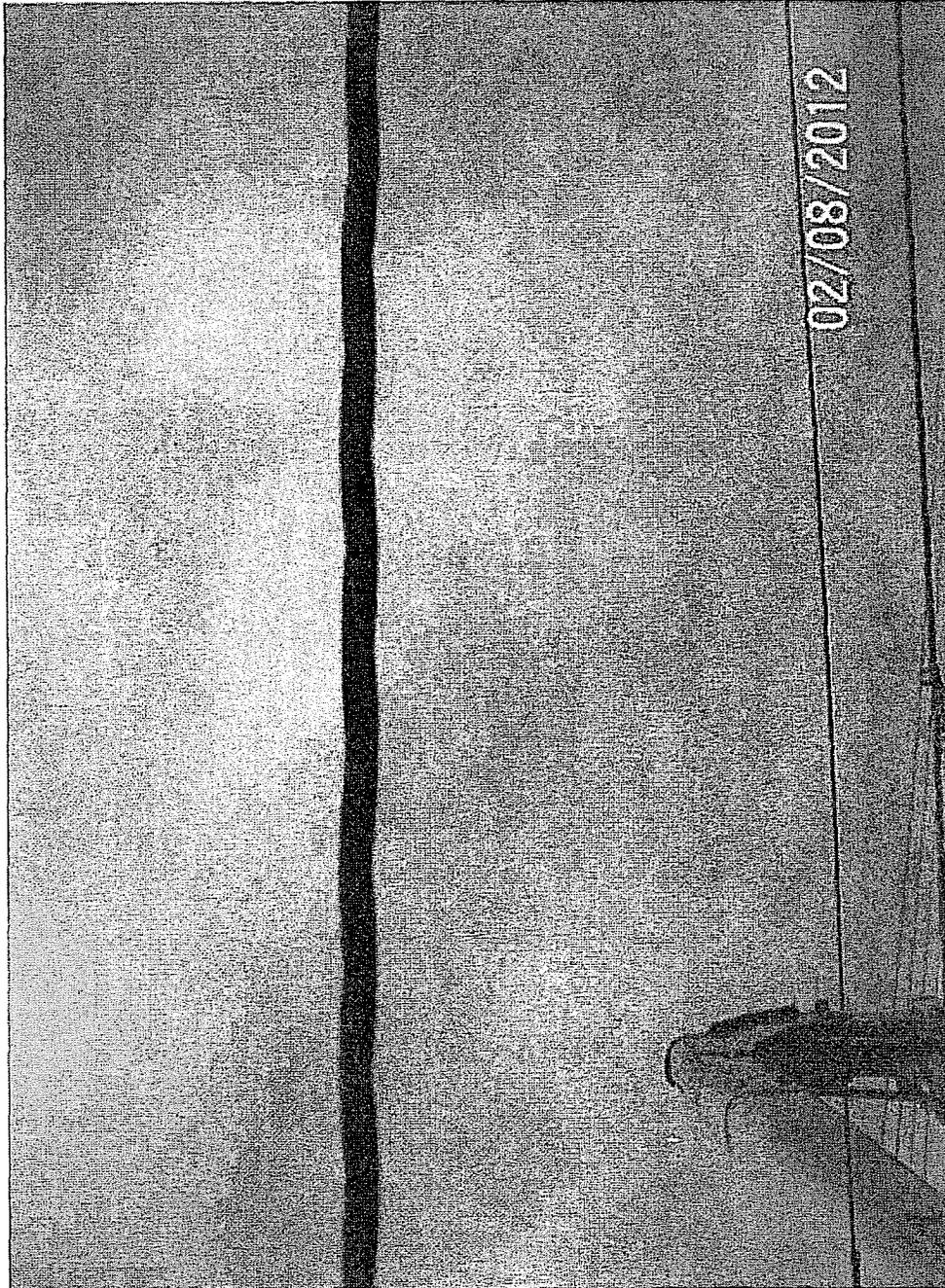
JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D
Second Picture of Roofline of Building
Facing Northwest



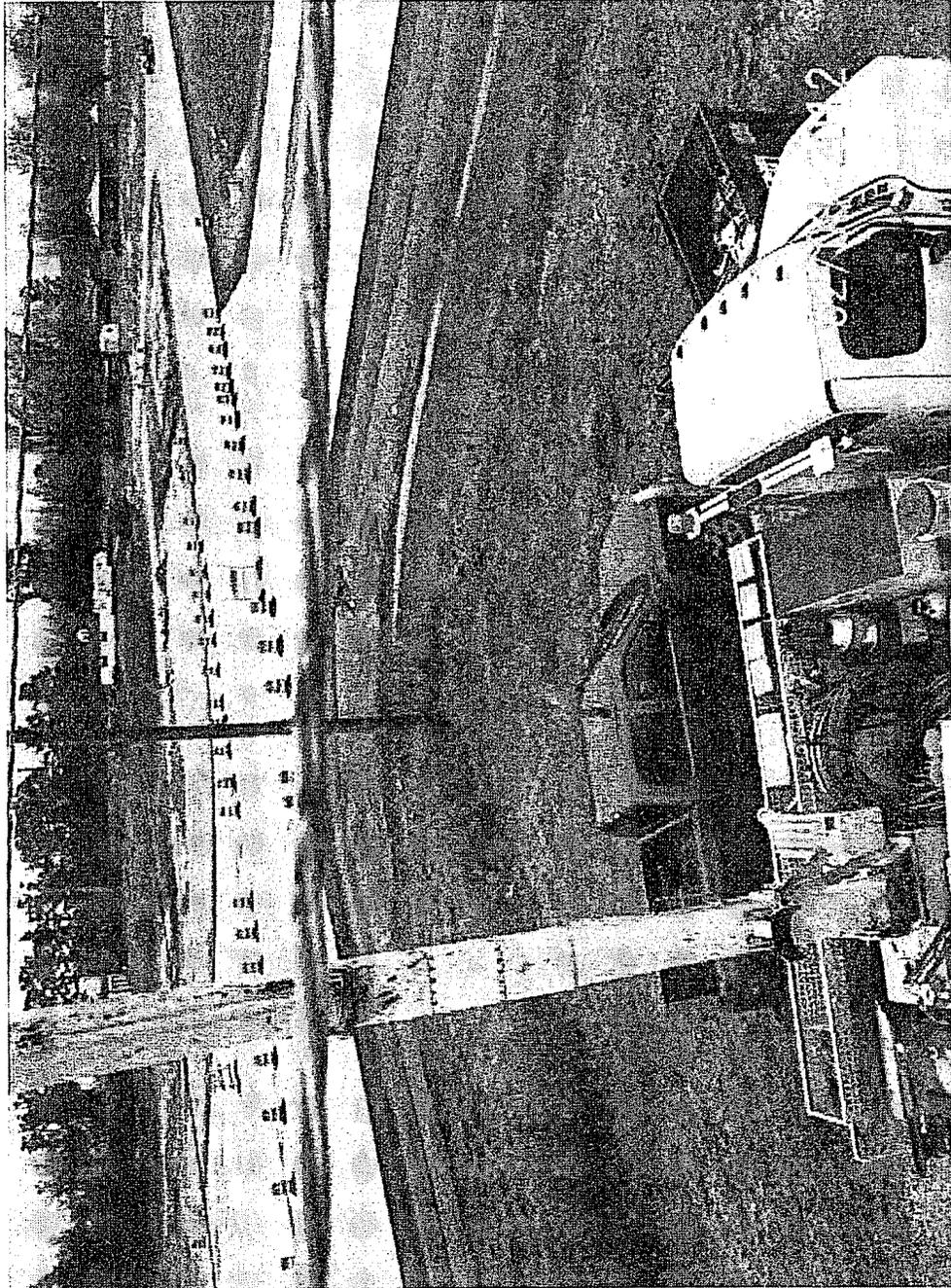
JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D
Burn Marks on Conductor
Facing Southeast



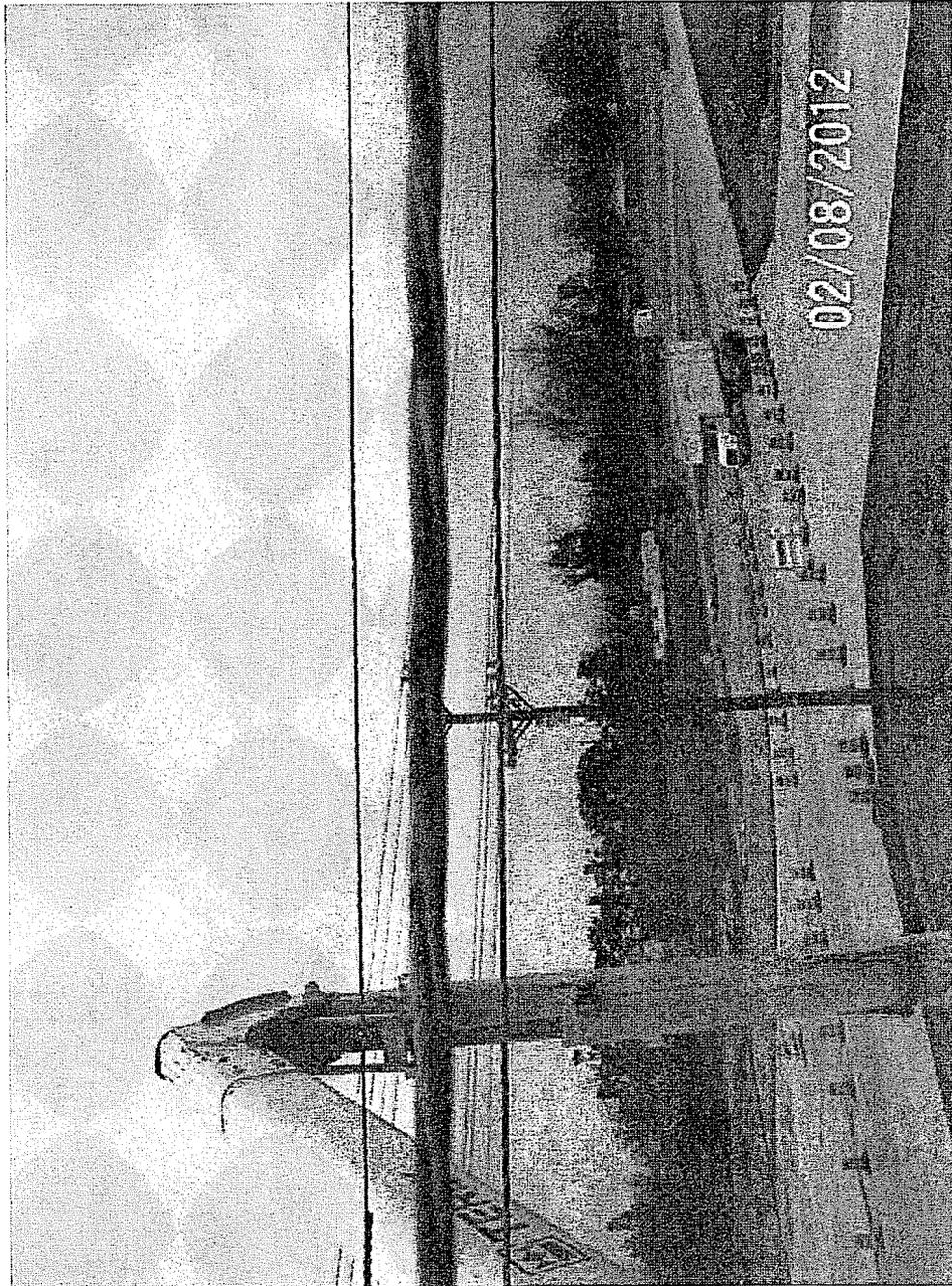
JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D
Second Picture of Burn Marks on Conductor
Facing Southeast



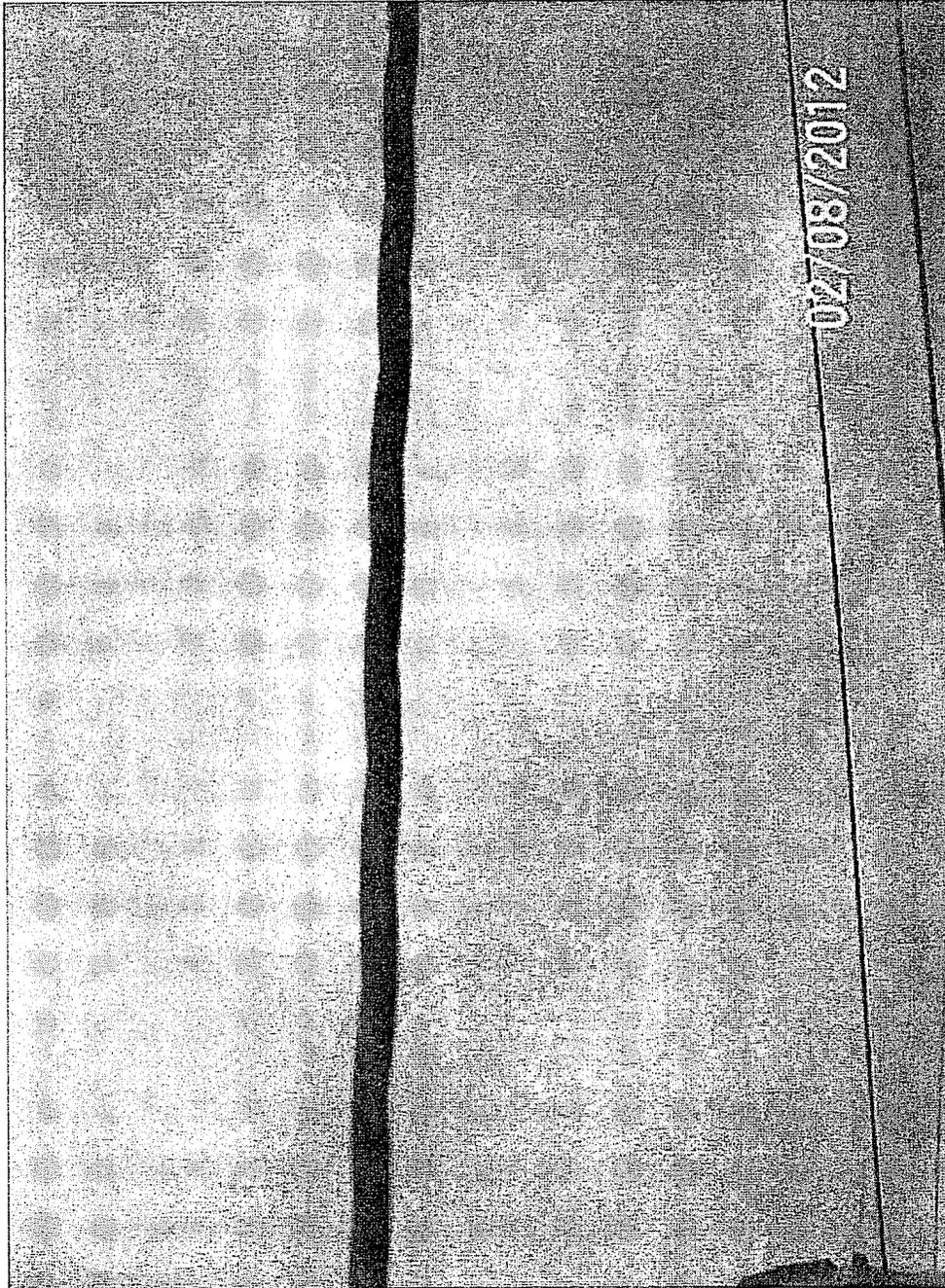
JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D
Third Picture of Burn Marks on Conductor
Facing Southeast



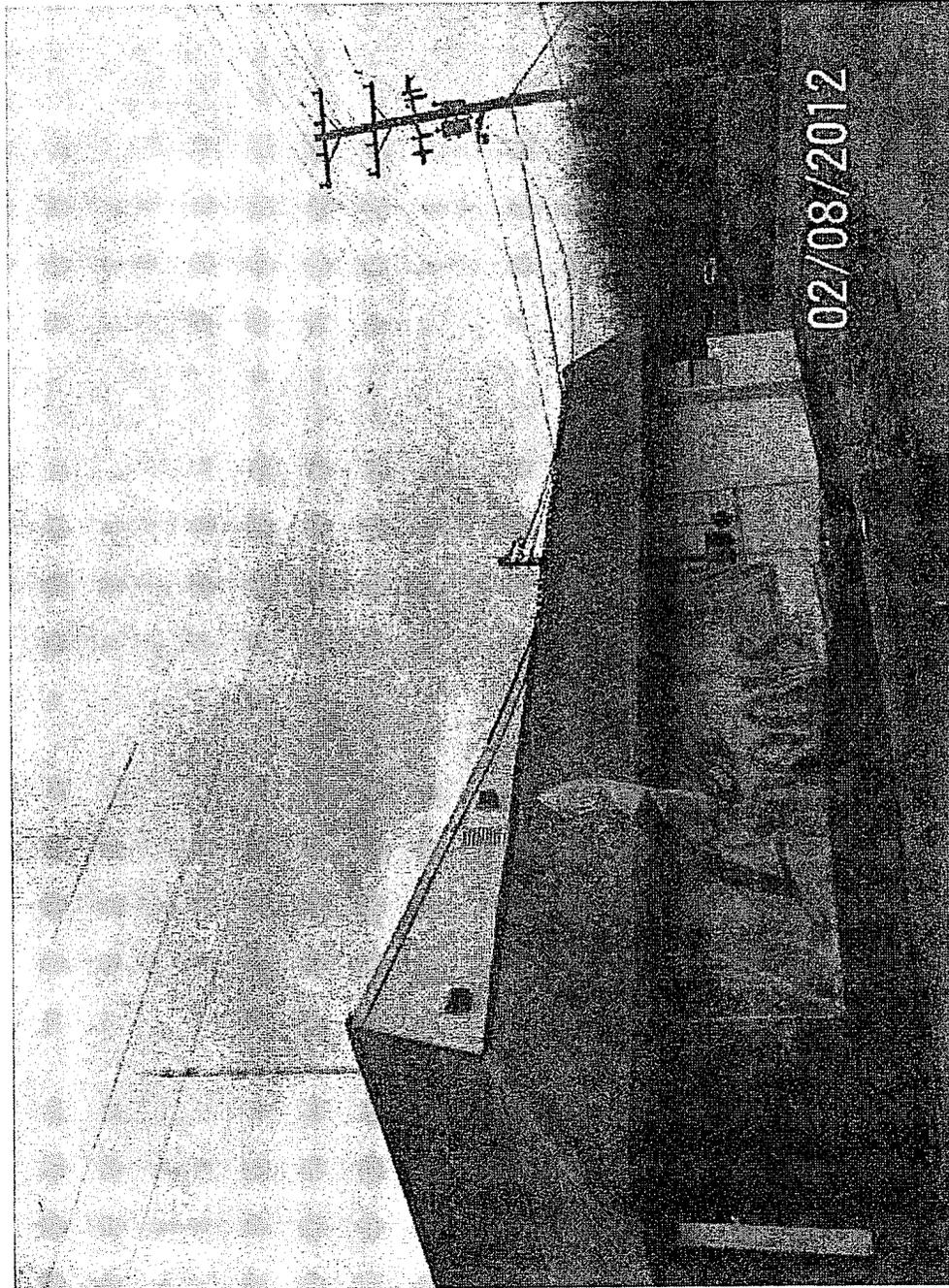
JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D
Fourth Picture of Burn Marks on Conductor
Facing Southeast



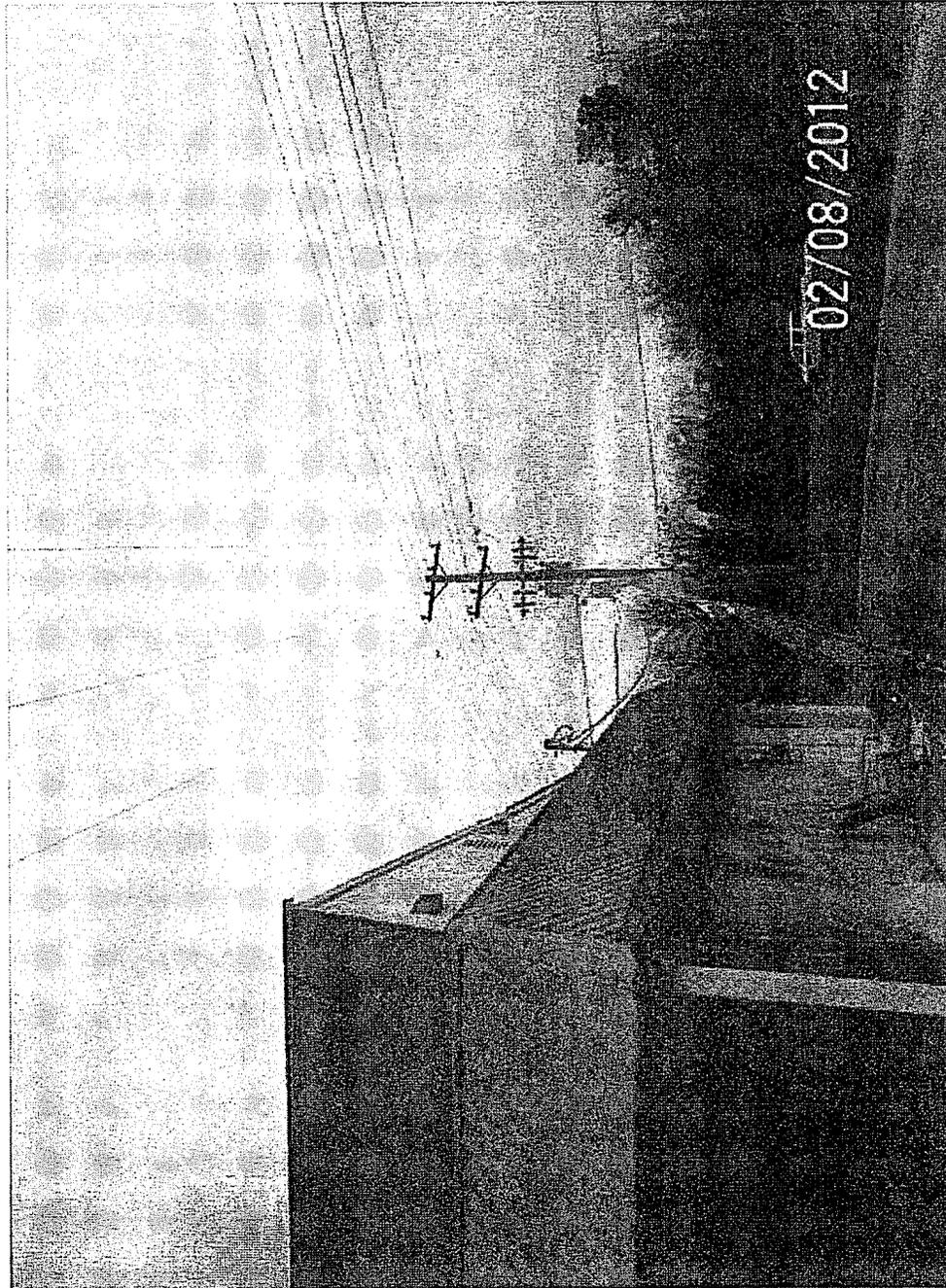
JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D
Picture of Building and Overhead Primary
Facing North



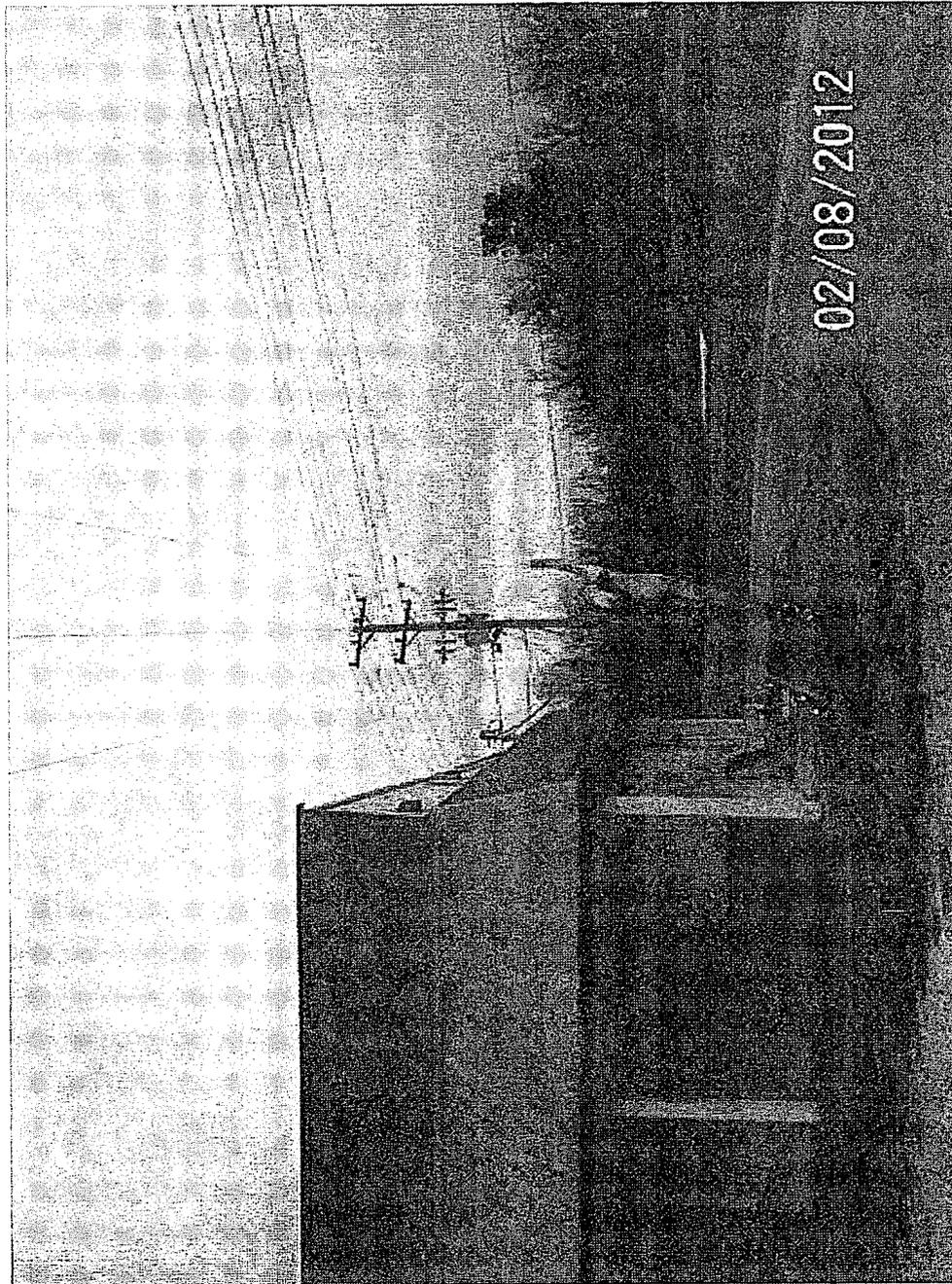
JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D
Picture of Building and Overhead Primary
Facing Northeast



JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D
Second Picture of Building and Overhead Primary
Facing Northeast



JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D
Picture of Overhead Primary
Facing Southwest



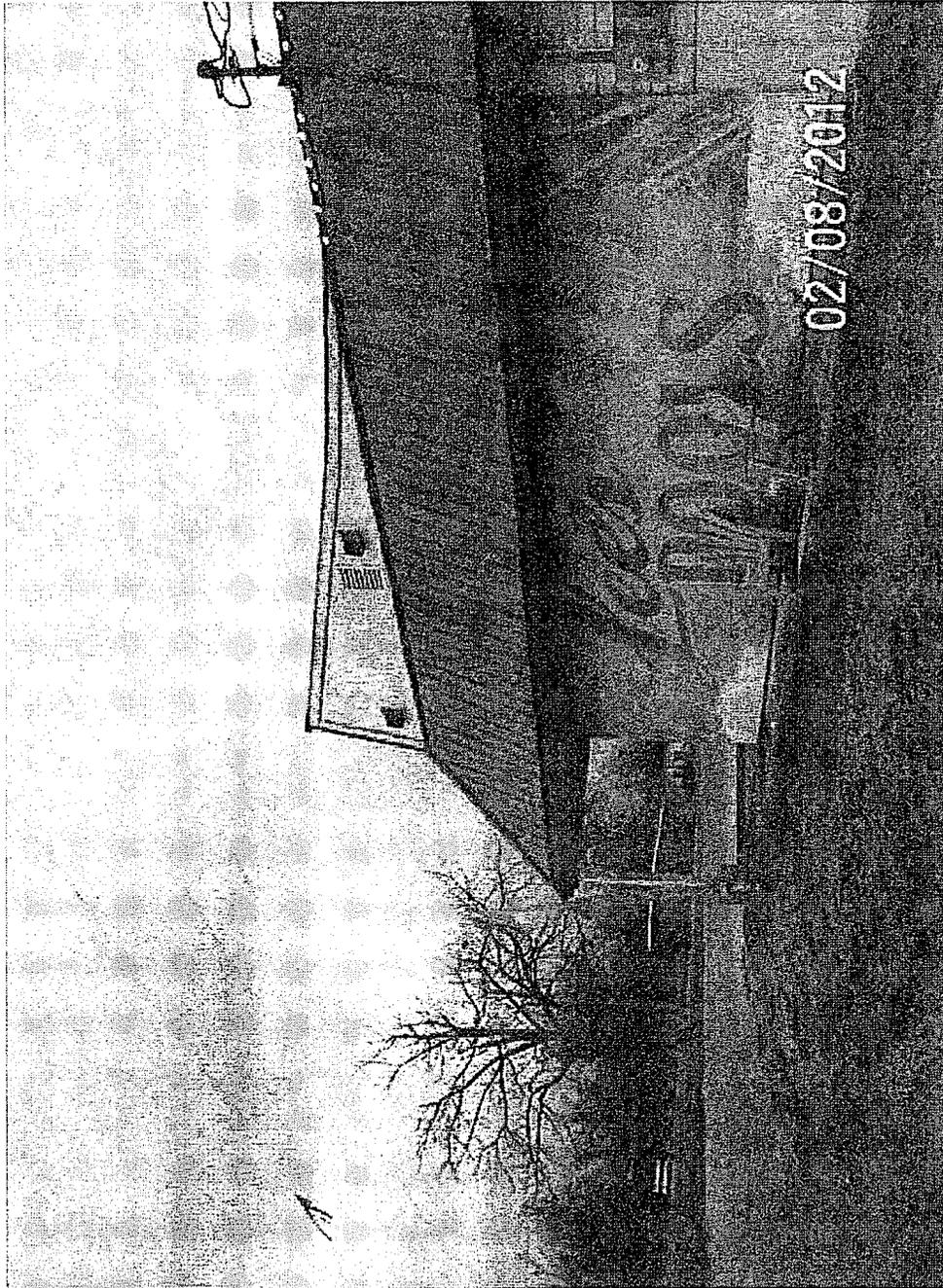
JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D
Picture of Building and Overhead Primary
Facing Southwest



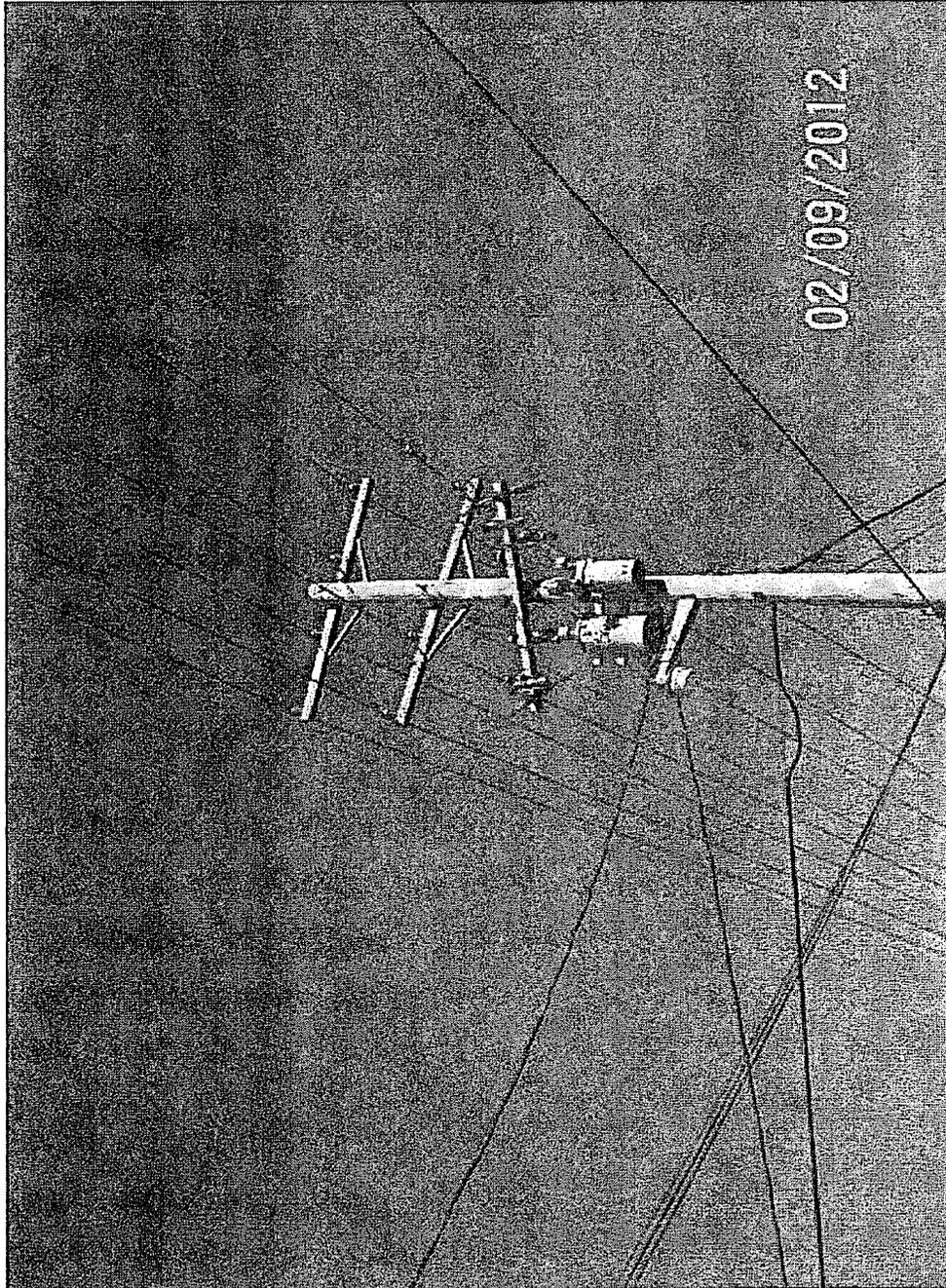
JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D
Picture of Building and Overhead Primary
Facing West



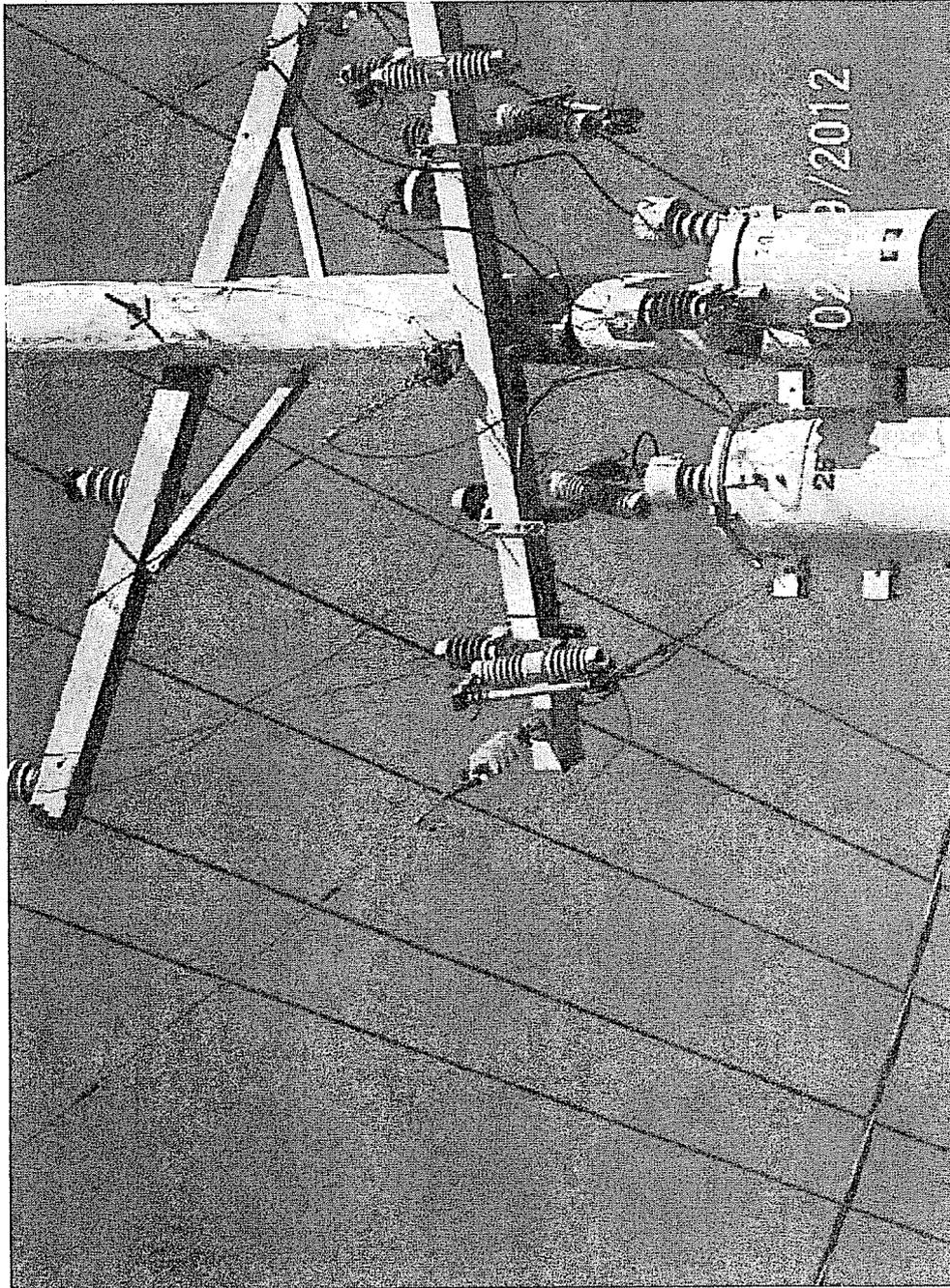
JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D
Picture of Overhead Primary and Pole
Facing Northeast



JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D
Picture of Overhead Primary, Pole, Cutout, and Recloser
Facing Northeast



JACKSON PURCHASE ENERGY CORPORATION (JPEC)
 REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment E
 Last Two Year System Inspection for Area

Line Patrol- 2011-Overhead

Account No.	PriKey	Name	Date Reported	by Reported	Found	Assigned	Job Order #	Date Repaired	Crew	Solution
41056140	310408	Reidland / Epperson Rd	12/20/2011	MP	globe gone	maint.	11-33729	2/6/2012	17	replaced globe
41056032	310337	Reidland / Epperson Rd	12/20/2011	MP	upset bolt looks loose	maint.	11-33730	2/6/2012	17	bolt is ok
41079033	310934	Reidland / Ken Mar Rd	12/20/2011	MP	replace pole, top rotting out	eng.	11-33726			
41069042	310842	Reidland / Kenmar	12/15/2011	MP	replace pole, top rotting out	eng.	11-33248			
41068008	310209	Reidland / Kenmar	12/15/2011	MP	broken guy, in water	maint.	11-33249			
41067080	310116	Reidland / Kenmar	12/15/2011	MP	ground cut at bottom	maint.	11-33250			
41067080	310117	Reidland / Kenmar	12/15/2011	MP	globe gone	maint.	11-33251			
41046115	310639	Reidland / Walker	12/20/2011	MP	globe twisted	eng.	11-33727	2/6/2012	17	light is ok
41035066	310606	Reidland / Walker	12/20/2011	MP	old meter pole needs replacing or retiling	eng.	11-33728			
41014008	310777	Reidland / Walker	12/21/2011	MP	one light is missing globe and bulb	maint.	11-33738	2/6/2012	17	net our light
41035022	310598	Reidland / Walker	12/21/2011	MP	pole sounds hollow at bottom	eng.	11-33739			
41036015	310578	Reidland / Walker	12/21/2011	MP	ol pole has a lean to it	maint.	11-33740	2/6/2012	17	customer didn't want us on his property

JACKSON PURCHASE ENERGY CORPORATION (JPEC)
 REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment F
 JPEC Meter Change

ID: JBI009 10/19/10 USER: GSANDERS JACKSON PURCHASE E.C. JOB ORDER 10-0035305 12:09:11 42-073-021
 KEYED BY: GREG SANDERSON REQUESTED BY: AMI ChangeOut
 DATE KEYED: 10/19/10 DESIRED PRINT DATE: 10/20/10
 TIME KEYED: 12:08:45 CREW NUMBER: _____
 ASSOCIATED WITH SERVICE ORDER: 10-0034731 METER CHANGE
 CCH#: 965622 SERVICEMAN READ
 4 42-073-022 01 6 * ACTIVE *
 SHOP PHONE: 270 898-6333 HOME
 STYERS/H LEE COUNTY: MC CRACKEN COUNTY
 405 KERTH RD DESIRED COMPLETION DATE: 10/20/10
 PADUCAH KY 42003-0000 LAST COOP READ: 10/14/10
 METER NUMBER: 67636093 LAST COOP KWH READ: 0077697
 PRESENT READ: 0077697

1 COPY

UNIT 20 METER CHANGE-STS REPORTS CANT
 READ DIGIT ON METER

SUBSTATION: Culp
 FEEDER: Culp/Proform

MAILING ADDRESS
 4946 REIDLAND RD
 PADUCAH KY 42003-0000

METER CHANGE - SINGLE PHASE NOTES.....
 COMPLETED BY _____ DATE 10/19/10 Budget Code: _____
 DEMAND YES NO Work Order No: _____
 " OLD " " NEW " Budget Code: _____
 MULTIPLY BY _____ Work Order No: _____
 SERIAL NO _____ 39-241-210
 SIZE TYPE _____ SIZE 30 TYPE 3W
 METER READ 77718 00000
 INSPECTION # _____ DATE 10/19/10 00-945-964
 TRANSF # _____
 IMPEDANCE _____ KVA _____ PHASE _____

 TAILGATE DISCUSSION

Crew Leader: _____ Unit#: _____
 No. Of Crew Members: _____ Date: _____
 Names: _____

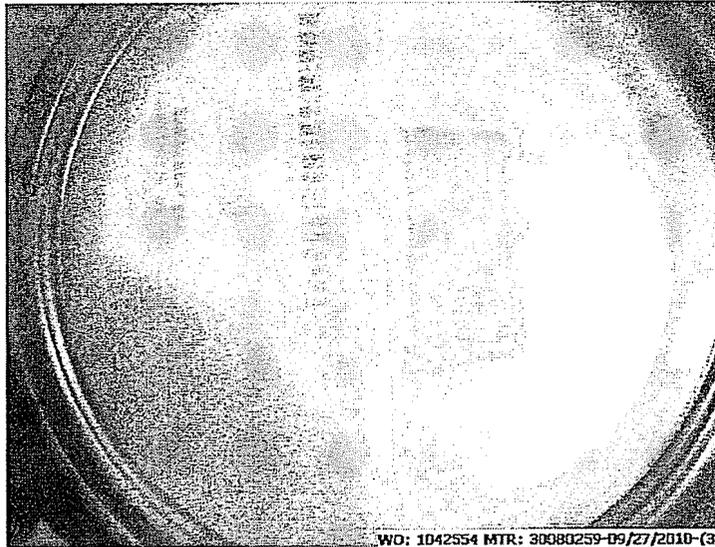
Comments

Unusual Conditions: _____
 Existing Hazards: _____
 Work Procedures: _____
 Energy Source Controls: _____
 PPE: _____
 Traffic Control: _____
 Rescue: _____

 * PENDING METER CHANGE *
 * 10-0034731 10/20/10 *

JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment F
AMI Meter Change by STS



JACKSON PURCHASE ENERGY CORPORATION (JPEC)
 REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment F
 AMI Meter Change by STS cont.

```

14:09:10 ACTIVE      LEVEL CONSUMER HISTORY  JBL355  JBL355FM  2/10/12
4-41-056-159-00 1 Rate-CI KWH Mlt-00001 LevelIrd- 127.00  Today's Balance
STYERS/H LEE      Class-4 CrCd-2 Min Bill-
                                     224.43

102110 BILL 10 S1 Tx- 5.86 Sch Tx- 2.85 MC- Bal- 204.99
PsRd-0000557 Usg-0001007 Fl- 9.11 YL- 18.73 PB- 101.43 CC- 103.56
Disct - Addt Chg -

102110 Level Bill Lvl Amt- 113.00 Lvl Dif Avg KWH- 1007

101610 READING 08-01 AMI READING Rd-0000557 10/17/10 Usg 1007

101110 PAYMENT 08-79 BH-79 Pd- 112.00 Rd-0000000 10/11/10
Usg-0000000 Bal- 101.43

092810 MTR CHG 08-79 Dt- 9/27 New Rd-3080000 Mtr-JP024866 Mult 1
Usg 450 Old Rd-0075328 Mtr-30080259 Mult 1

092210 BILL 09 S1 Tx- 7.33 Sch Tx- 3.57 MC- Bal- 213.43
PsRd-0074878 Usg-0001373 Fl- 10.31 YL- 18.73 PB- 83.79 CC- 129.64

Help Available - Help Key New Account 0 00 000 000 00 [DETAILS]
  
```

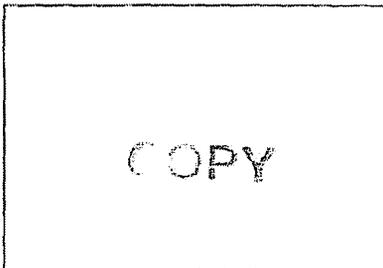
JACKSON PURCHASE ENERGY CORPORATION (JPEC)
 REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment F
 JPEC Work Order CR113551

**Work Order
 Summary Sheet**

Construction W/O # C113551 Retirement W/O # R113551
 G/L Account # 107.200 X 107.100 ___ G/L Account # 108.800 X 108.810 ___
 Map Location: 41-057.001
 County Code: 1 ___ 2 ___ 3 ___ 4 ___ 5 ___ 6 X
 Contractor Code: _____
 Budget Code: 801-00 ()
 Loan #: AS B
 Goes with W/O: _____
 Phase (1-6) _____
 Date Entered: 12/9/11
 Date Released: 12/13/11
 Date Completed: 11/30/11
 Month Closed: _____

NOTES:



Wire Statistics		Description:	
	Add	Remove	
Pri.	OH ___	_____	ADD CUTOUT/ARRESTOR
	UG ___	_____	Consumer:
Sec.	OH ___	_____	ADD CUTOUT/ARRESTOR
	UG ___	_____	_____
Ser.	OH ___	_____	Contribution Paid: \$ _____
	UG ___	_____	Date Paid: _____ Acct# _____
Member	_____	_____	Non-Cash Contribution: \$ _____
			Construction Contribution: \$ _____
Construction Cost \$	_____		Retirement Contribution: \$ _____
Retirement Cost \$	_____		Total Contribution: \$ _____
Actual Cost of W/O \$	_____		
<small>(Construction + Retirement - Contribution paid)</small>			

JACKSON PURCHASE ENERGY CORPORATION (JPEC)
 REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment F
 JPEC Work Order CR113551 cont.

C: 113551
 R: 113551

ASSEMBLY UNITS REPORT

Location	Location Name	Function	Const. Unit	Description	Quantity	Work Crew
1		INSTALL	4619	M 5-B (RETIRED ONLY)	1	JPEC1
1		REMOVE	4602	M 5-T (RETIRED ONLY)	2	JPEC1
		INSTALL	4613	P1.01 LMS-6	1	12/13/11-88
		INSTALL	4603	M5-1 L&E (RE. ONLY)	2	12/13/11-88

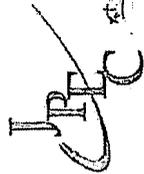
COPY

JACKSON PURCHASE ENERGY CORPORATION (JPEC)
 REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment F
 JPEC Work Order CR113551 cont.

C: 113551
 R: 113551

ASSEMBLY UNITS REPORT



Summary	Function	Const. Unit	Description	Quantity	Correction
REMOVE		4002	M 5-1 (RETIRE ONLY)	2	
INSTALL		4019	M 5-2 (RETIRE ONLY)	1	
INSTALL		4013	P1-01 (MS 6)	1	
INSTALL		4003	M 5-1 (RETIRE ONLY)	2	2 - 8R 12/13/11

COPY

**JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012**

Attachment F
JPEC Work Order CR113551 cont.

Description	Code	Quan.	Description	Code	Quan.	Description	Code	Quan.
Primary URD Cable			Pads, Pedestals, Shields, Boots			Controls, Heads, Globes, Ballast		
Pri. 2 Alum URD	642		Pad (Info Park)	679		SL & FL Control (Eye all)	495	
Pri. 1/0 Alum URD	641		Pad, Concrete	680		SL 100W Head	498	
Pri. 4/0 Alum URD	645		Pad, Fiberglass Trans	681		SL 175W Head	496	
500 Cu Pri. URD	646		Box Pad, Trans (Vault)	682		Optical, Assembly (Globe all)	497	
500 MCM Alum Pri. URD	647		Box Pad, Cover (Vault cover)	683		Ballast SL (all but below)	494	
750 MCM Alum Pri. URD	655		Pad, Power (sec)	684		Ballast HPS	499	
			Shield Cable Riser 8' (Shield)	686		Ballast 100W MH	483	
Secondary URD Cable & Wire			Shield, Back Up Pole (H)					
6 URD DPX	746		Shield, Back Up Pole (H)	687				
1/0 URD TPX	651		Boo for Shield	688		Security & Flood Lights		
2/0 URD TPX	652		Shield, Riser (6 ft)	689		SL 100W HPS	488	
4/0 URD TPX	654					SL 175W MV	491	
350 URD TPX	656		Brackets, Cabinets, etc.			SL 250W HPS	489	
1/0 Quad	657		Bar, Trans - Bare	811		FL 250W HPS	490	
4/0 Quad	658		Bar, Trans - Ins - 4 Pos	813		SL 400W MV	492	
350 Quad	659		Bar, Trans - Ins 0 or B Pos	814		SL 400W MH	2503	
10/2 UF W/Grd.	740		Bar, Pedes - Ins - 4 Pos	815		FL 1000W MH	605	
12/2 UF	741		Bracket, Conduit	620				
10/2 UF W/Grd.	742		Bracket, Stand-Off Con.	628		Decorative Lighting		
8 UF	743		Cabinet, 4 Juncd, 3-Phase	630		Breakaway Base (Info Park)	2100	
10 UF	744		Cabinet, Juncd, 1-Phase	632		Pole (Info Park)	2200	
8 UF	745		Sleeve, Ord 1-Phase (Vault)	633		8' Arm (Info Park)	2300	
10/3 UF	748		Box Pad, Switch Gear	631		Head 400W MH/480V (Info Park)	2400	
			Switchgear PMHS	637		AAL Fixture (Info Park)	2401	
			URD, Splice, Term, Misc.			AAL Pole (Info Park)	2201	
			Tea Splice 1/0	1008		Fixture 1000w (Info Park) Blg Eq	2405	
Arrestors			Splice URD Repair (Pri)			Pole (West Park)		
Arrestor-Elbow	031		Splice URD Repair (Pri)	691		Fixture-Acom 150W hps (West Park)	2402	
Arrestor-Parking Stand	705		Splice URD Repair (Sec)	692		Screw Base	1999	
			Splice Cover (Sec)	693		Bracket, Arm/2 Light (Woodlawn)	2403	
			Splice Jacket	694		Fixture-Acom 100W HPS	503	
Conduit			Sealing Kit (Cold Strink)			20' Fib Glass Pole (Direct Bury)		
Conduit, 1/2" PVC	651		Sealing Kit (Cold Strink)	695		Cobra Head (400W 2/Unit)	504	
Conduit, 3/4" PVC	652		Support Cable (PigTail)	697		Cobra Head (250W SL Light HPS)	501	
Conduit, 1" PVC	653		Term Bushing (Weld Bushing)	706		Cobra Head (100W HPS)	508	
Conduit, 1 1/4" PVC	654		Rotable Feed Thru (Weld)	707		Acom Head (400W MH)	507	
Conduit, 1 1/2" PVC	655		Pothead (2 thru 4/0)	710		Acom Head (175W MH)	2500	
Conduit, 2-2 1/2" PVC	656		Pothead (all other-750)	711		Mongoose Fixture 250W HPS	2409	
Conduit, 2-2 1/2" Rigid	766		Term Indoor	715		Roadway Fixture 100W HPS typell	2404	
Conduit, 3" PVC	657		Term Elbow-4/0	714		10' Arm (Orby)	500	
Conduit, 4" PVC	658		Term Elbow-500 MCM	716		SL Concrete Foundation	2000	
Conduit, 4" Rigid	768		Term Elbow-#1/0	717		Dole Screw Base (Large)	2105	
Conduit, 5" PVC	659		Term Elbow-#2	718		Pole 30' Tapered Steel Pole Bronze	2203	
Conduit, 5" Rigid	769		Splice, 500 URD, 16KV	720		Pole 30' Fiberglass Black	2204	
Conduit, 6" PVC	677		Term Junc-1 Pos	721		Pole 35' Steel	2205	
Conduit, 6" Rigid	777		Term Junc-2 Pos	722		Pole 30' Tapered Aluminum	2208	
			Term Junc-3 Pos	723		Pole 12' MH Black Flt'd	2207	
			Term Junc-4 Pos	724		8' Arm (for 60. Steel Pole)	2303	
Conduit Elbow, Cap & Adaptor			Term Junc-Caps (Ground)			2-Way Loadbreak Junc.		
Elbow-1" PVC	670		Term Junc-Caps (Ground)	730		600 Termination Kit		
Elbow-1 1/2" PVC	671		2-Way Loadbreak Junc.	726		Cable Adapter	733	
Elbow-2-2 1/2" PVC	672					Elbow Housing	734	
Elbow-2-2 1/2" Rigid	772					Connector Plug	736	
Elbow-3" PVC	673					Term, Dead End Plug	737	
Elbow-4" PVC	674					Well Bushing Reducer 600 Amp	738	
Elbow-4" Rigid	774					Insul. Plug	739	
Elbow-5" PVC	676							
Elbow-5" Rigid	776							
Elbow-6" PVC	676							
Elbow-6" Rigid	776							
Vented Cap & Adaptor (all)			Security & Flood Light Bulbs					
			Security & Flood Light Bulbs			SL Bulb-100W Metal Halide	482	
						SL Bulb-100W	485	
Polypipe			Bulb, 150W HPS			Bulb, 175W & 400W MV		
2 - 2 1/2" Polypipe	2825		Bulb, 150W HPS	2502		Bulb, 175W Metal Halide	2501	
4" Polypipe	2840		Bulb, 175W & 400W MV	483		Bulb, 250 W HPS	487	
2 1/2" Polypipe Coupling	2826		Bulb, 175W Metal Halide	2501		Bulb, 400 W Metal Halide	2500	
4" Polypipe Coupling	2841		Bulb, 250 W HPS	487		FL Bulb-1000W Metal Halide	484	
			Bulb, 400 W Metal Halide	2500				
			FL Bulb-1000W Metal Halide	484				

Contractor/Employee DD Prepared By _____
 Unit No. _____ Entered By Lawie 6/13/11

JACKSON PURCHASE ENERGY CORPORATION (JPEC)
 REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment F
 JPEC Work Order CR113551 cont.

Description	Code	Quan.	Description	Code	Quan.	Description	Code	Quan.
Saddle Tap - Stirrup	480		Bracket, Term - 1 Pos	621		Splice, 500 URD, 15KV	720	
Screw, Lag	485		Bracket, Term - 2 Pos	622		Term Junc - 1 Pos	721	
			Bracket, Term - 3 Pos	623		Term Junc - 2 Pos	722	
100 Watt Bulb	486		Bracket, Term 4B - 6 Pos	626		Term Junc - 3 Pos	723	
250 Watt Bulb	487		Bracket, Stand-Off Con.	628		Term Junc - 4 Pos	724	
100 Watt Light	488		Cabinet, 30, 3 Junct.	629		Term Junc - 2 Pos, 1 Pos	726	
250 Watt Light	489		Cabinet, 30, 4 Junct.	630		Term Junc - Caps	730	
Flood Light	490		Box Pad, Switch Gear	631		Cable Ad (655-CA-L)	733	
Sec. Lite - 175W	491		Cabinet, Switch CW326	632		Elbow Housing (655-BL-B)	734	
Sec. Lite - 400W	492		Servo, Gd. (for CW326)	633		Term Junc - Test Rods	735	
Sec. Lite - Bulb	493		Translosure	636		Connector Plug	736	
Sec. Lite - Ballast	494		Switchgear PMH6	637		Term, Dead End Plug	737	
Sec. Lite - Control	495					Wrl, Bushing Reducer	738	
Sec. Lite - 175W Head	496		URD CABLE -			Instl. Plug (650-BIP)	739	
			Pri 2 Copper	640		Wire, 10/2 UF W/Grd.	740	
Assembly, Optical 11-5-6	497		Pri 1/0 Alum	641		Wire, 12/2 UF	741	
100 Watt Heads	498		Pri 2 Alum	642		Wire, 10/2 UF	742	
10' Arm Only	500		Pri 4/0 Alum	645		Wire, 8 UF	743	
Street Lite - 250W - Cobra	502		500 Copper Pri	646		Wire, 10 UF	744	
Lite, Acorn	503		500 MCM AL Pri	647		Wire, 6 UF	745	
20' F.G. Pole	504		500 MCM AL Sec.	648		6 DPX URD	746	
Flood Lite - 1000W Metal Halide	505		Sec - 2 TPX	650		Wire, 12/3 UF W/Grd.	747	
Street Lite - 100W - Cobra	506		Sec - 2/0 TPX	652		Wire, 10/3 UF	748	
Fixture - 150W HPS	2402		Sec - 4/0 TPX	654				
Bulb - 400W MH	2500		Sec - 350 TPX	656		Auto Booster	801	
Bulb - 175W MH	2501		Sec - 1/0 Quad	657		Cap Bank, 300 KVAR w/Sw.	803	
Bulb - 150W HPS	2502		Sec - 4/0 Quad	658		Cap Bank, 450 KVAR w/Sw.	804	
			Sec - 350 Quad	659		Cap Bank, 600 KVAR w/Sw.	805	
Splice, Tension	510					Cap Bank, 300 KVAR w/o Sw.	806	
Splice, Repair	511		Conduit, 5"	660		Cap Bank, 300 KVAR w/o Sw.	807	
Splice, Jumper	512		Conduit, 1/2"	661		Capacitor, 100 KVAR	812	
			Conduit, 3/4"	662		Capacitor, 150 KVAR	813	
Switch, Line Disc.	521		Conduit, 1"	663		Capacitor, Control	816	
Switch, Line Disc, Gang Op.	522		Conduit, 1 1/4"	664		Capacitor, Junc. Box	818	
Switch, Disc, J035562	524		Conduit, 1 1/2"	665		Test Switches, Meter 1020F	819	
Switch, By-Pass - 400A	525		Conduit, 2"	666		Mount, Meter PM46	820	
Switch, By-Pass - 600A	526		Conduit, 3"	667		Cabinet, Meter	821	
Switch, Auto Reg. Byp.	528		Conduit, 4"	668		Rack, Berkeleid, OTMB	822	
			Conduit, 4" Splt	669		Meter Sub Demand	825	
Terminal, Pin PTT4-ORH	534		Conduit, Elbow - 1"	670		Meter, PF-1 Phase	827	
Terminal, Pin 500	535		Conduit, Elbow - 1 1/2"	671		Meter, PF-3 Phase	828	
Terminal, Ser Pin	536		Conduit, Elbow - 2"	672		Redcser, VIVE	831	
Terminal, Lug	537		Conduit, Elbow - 3"	673		Redcser, RK w/Kit	832	
Terminal, Adapt 4 Hole	538		Conduit, Elbow - 4"	674		Regulator, 50 Amp	841	
			Conduit, 12" Plastic	675		Regulator, 100 Amp	842	
Ties, Preform - S.T.T.	540		Conduit Caps 12" Plastic	676		Regulator, 150 Amp	843	
			Vented Cap and Adaptor	678		Regulator, 210 Amp	844	
Washer, Curved	551		Pad/Info Park	679		Regulator, 320 Amp	845	
Washer, Round	552		Pad, Concrete	680		Regulator, 500 Amp	846	
Washer, Square	553		Pad, Fiberglass Trans	681				
Washer, Square 4 x 1/2	554		Box Pad, Trans	682		Trans, Current	851	
Washer, Anchor Log	555		Box Pad, Cover	683		Trans, Current 15 KV	852	
Washer, Spring	556		Pedestal, Power	684		Trans, Current Reg.	853	
			Shield, Cable Riser 8' Non-V	686		Trans, Current Aux	854	
Wire, Alum Tie-4	571		Shield, Back Up Pole (in ft.)	687		Trans, Potent. 480/120V	856	
			"Drog" For Shields	688		Trans, Potent. 300/120V	857	
Wire, Solid Bare Cop. -			Shield, Riser (5 ft.)	689		Trans, Potent. 15 KV	858	
#8	572							
#6	573		Splice 500 to 750 MCM	690		Miscellaneous Charges	860	
#4	574		Splice #2, URD Repair	691		Miscellaneous Charges	861	
			Splice, 4/0 URD Repair	692		Miscellaneous Charges	862	
Warehouse, Conduit	580		Splice, Cover Sec	693				
			Splice Jacket Cover	694		Socket Breaker Unit (150A)	870	
			Sealing Kit (Cold Shrink)	695		Pole Top Meter Rize (M2211)	871	
			Support, Cable	697				
Bar, Trans - Bare (PTT4-0)	604		Term Block, Sec	701				
Bar, Trans - Bare 2 Hole	610		Term Block, Ser. Unit	702				
Bar, Trans - Bare	611		Term Block, Sub Hub	703				
Bar, Trans - Ins - 2 Pos	612		Term Bushing	706				
Bar, Trans - Ins - 4 Pos	613							
Bar, Trans - Ins - 8 Pos	614		Pothole, Outdoor #2	710				
Bar, Pedes - Ins - 4 Pos	615		Term Outdoor - All Other	711				
Bar, Trans - Ins - 4 Pos 2 H	616		Term Indoor	715				
Bar, Trans - Ins - 3 Pos	617		Term Tape	716				
			Term Elbow - #1/0 Wire	717				
Bracket, Conduit	620		Term Elbow - #2 Wire	718				

Contractor/Employee: DD Prepared By: _____
 Unit No: _____ Entered By: _____

**JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012**

Attachment F
JPEC Work Order CR113551 cont.

JACKSON PURCHASE E.C.
MATERIAL PICKING SLIP

113011

DATE ENTERED 12/12/11 REMOVED BY CO-OP X CONTRACTOR WAREHOUSE 01
MAP LOCATION 41057001 NAME ADD CUTOFF/ARRESTOR
FORCE ACCOUNT 108.800 WORK ORDER R113551

RETIREMENT MATERIALS
INVENTORY SUMMARY

INV #	DESCRIPTION	POSSIBLE RETIREMENT	GOOD	BAD	WH/ TRK
073	CLAMP, HOT LINE	2	_____	_____	_____

----- CONSTRUCTION UNIT SUMMARY-RET -----

UNIT #	DESCRIPTION	POSSIBLE RETIREMENT	ACTUALLY RETIRED	ACTUAL TIME	OFFICE USE
4602	M 5-1 (RETIRE ONLY)	2	_____	_____	_____

COPY

JACKSON PURCHASE ENERGY CORPORATION (JPEC)
 REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment F
 JPEC Work Order CR113551 cont.

ID-JBL009 11/22/11 USER: LAURIE JACKSON PURCHASE E.C. JOB ORDER 11-0031264 8:41:15 41-057-001
 KEYPED BY: LAURIE REED REQUESTED BY: NIKE WASHAM
 DATE KEYPED: 11/22/11 DESIRED PRINT DATE: 11/23/11 CREW NUMBER: 17
 TIME KEYPED: 8:38:08
 ASSOCIATED WITH SERVICE ORDER: 11-0031264 JOB ORDER
 CCH#: 348310 SERVICEMAN READ
 4 41-057-001 02 0 * ACTIVE *
 EARLES/RUSSELL PHONE: 270 898-3651 HOME
 LITTLE HOUSE COUNTY: MC CRACKEN COUNTY
 105 ASHLAND RD DESIRED COMPLETION DATE: 11/23/11
 PADUCAH KY 42003-9309 LAST COOP READ: 11/24/11
 METER NUMBER: JP022867 LAST COOP KWH READ: 0000032
 PRESENT READ: 0000032

PHILED
 PER MIKE WASHAM - AT SWITCH PRIKEY
 310022 MOVE STINGERS FROM CUTOUT TO
 PROTECT TAP

SUBSTATION: Reidland
 FEEDER: Reidland/Epperson Rd
 MAILING ADDRESS
 105 ASHLAND RD
 PADUCAH KY 42003-9309

JP
 COMPLETED DD DATE 11-30-11
20405

NOTES.....
 Budget Code: _____
 Work Order No: _____
 Budget Code: _____
 Work Order No: CR 113551
SECTION
11

COPY

 * METER TEST DUE 08/11/35 *
 * LAST TESTED 08/11/10 *
 * * * * *
 * OLD NEW *
 * MULT BY 00001 *
 * MAKER'S NO. JP022867 *
 * SIZE 300 *
 * METER READ *
 * AMI NTR ADR *
 * * * * *

 * TAILGATE DISCUSSION *
 * Crew Leader: DD Unit#: 17 *
 * No. Of Crew Members: _____ Date: 11-30 *
 * Names: JG JF *
 * BG BH *
 * Comments *
 * Unusual Conditions: _____ *
 * Existing Hazards: _____ *
 * Work Procedures: _____ *
 * Energy Source Controls: _____ *
 * PPE: _____ *
 * Traffic Control: _____ *
 * Rescue: _____ *

JACKSON PURCHASE ENERGY CORPORATION (JPEC)
 REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment F
 Outages Near The Incident Location

Hist. Member Outages Inquiries 2/14/2012

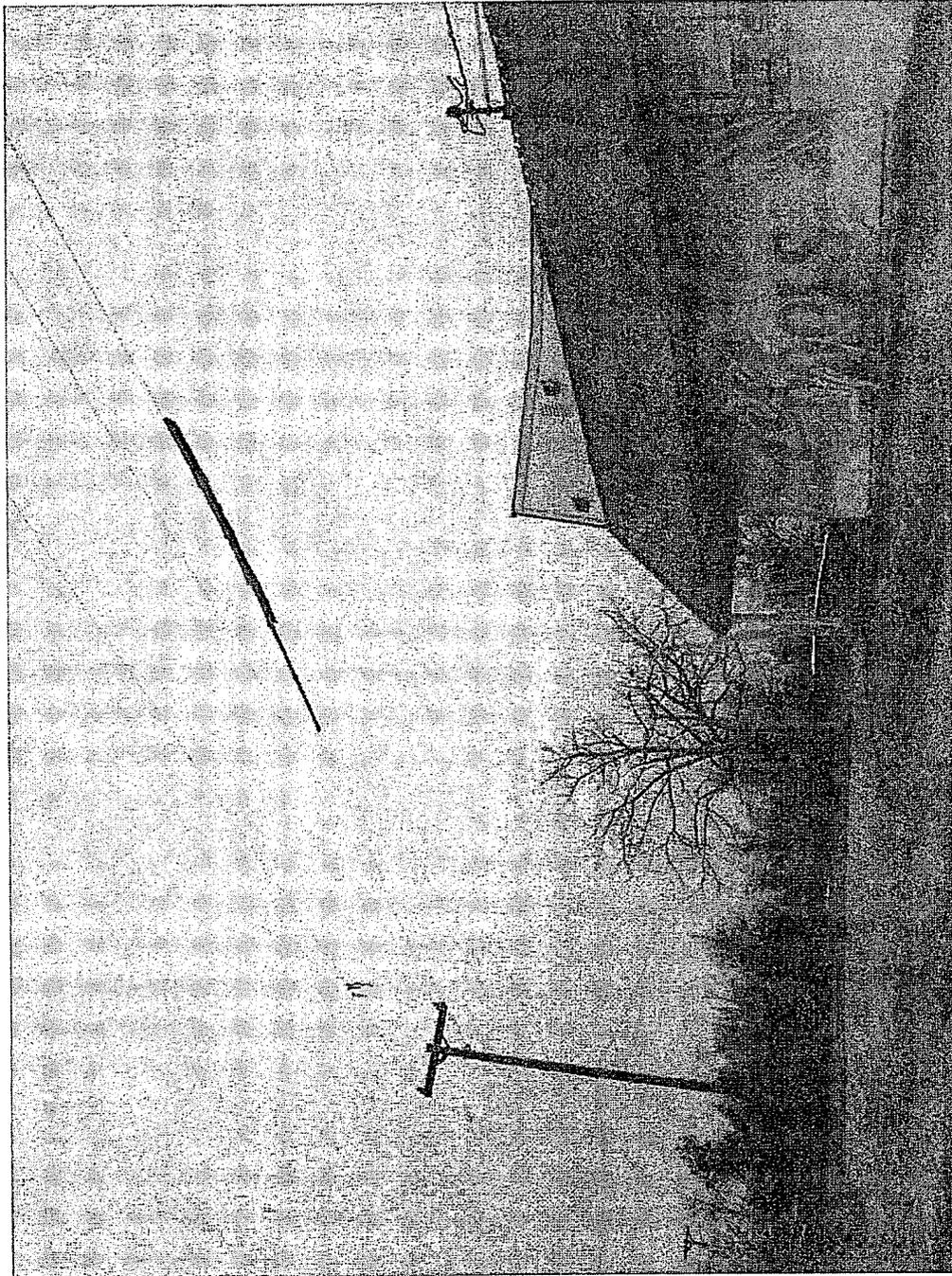
Account #	Creation Time	Restoration Time	Duration (Min)	outage Code	Comments	Sub	Facility
41056038	2/7/2011 11:42	2/7/2011 12:22	40	Cut Out - Line or SFMR	Sammanis	REIDLAND	4103
41056038	11/22/2011 7:00	11/22/2011 8:27	87	Storm 11/22/2011	line fuse-50 k.	REIDLAND	4103

Hist. Member Outages Inquiries 2/14/2012

Account #	Creation Time	Restoration Time	Duration (Min)	outage Code	Comments	Sub	Facility
41057027	8/23/2011 10:57	8/23/2011 11:20	23	Public	Sammanis	REIDLAND	4103
					Track hoe got into b phase		

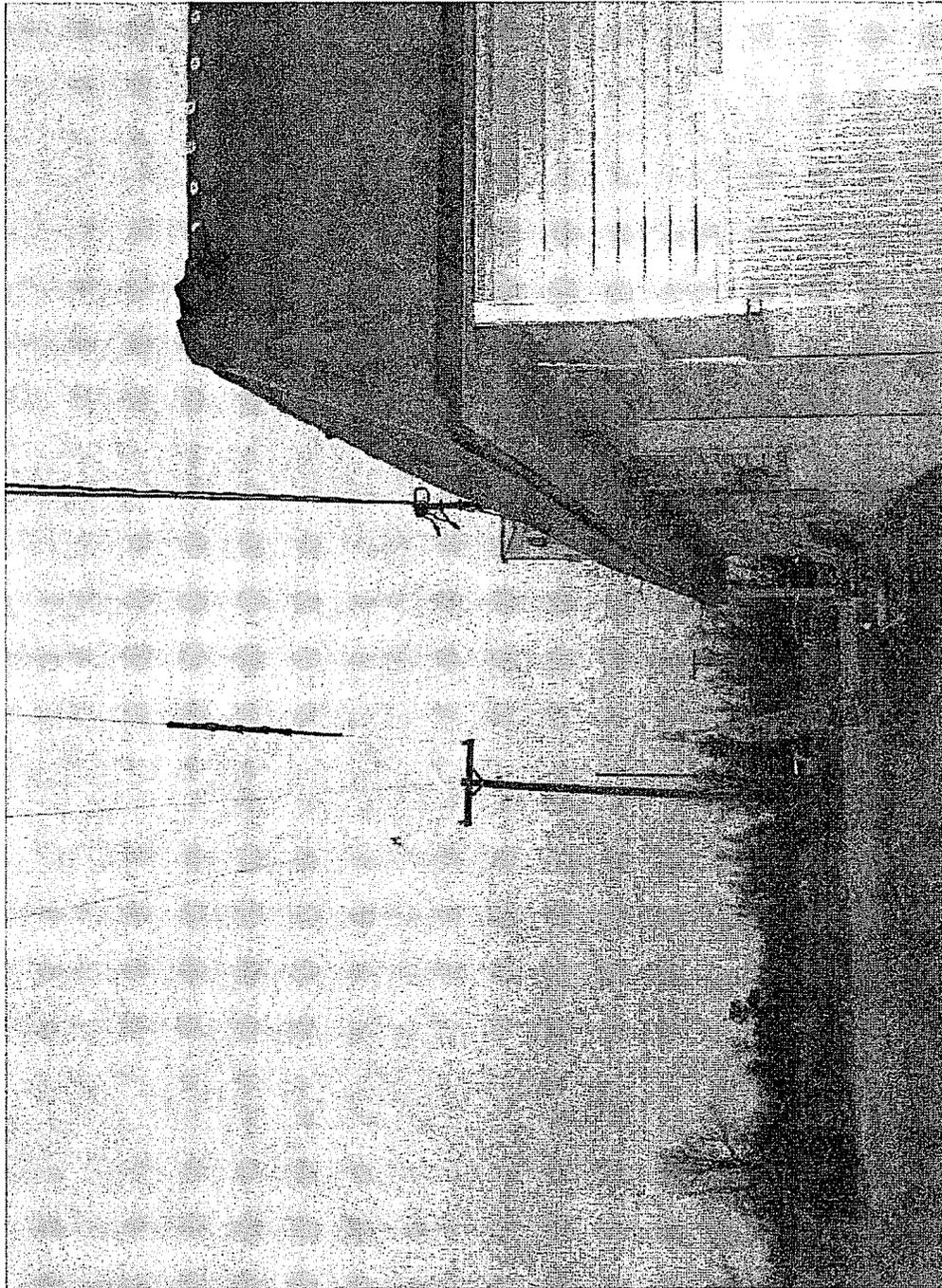
JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment G
Picture of Temporary Modifications Made 02/09/2012
Facing Southwest



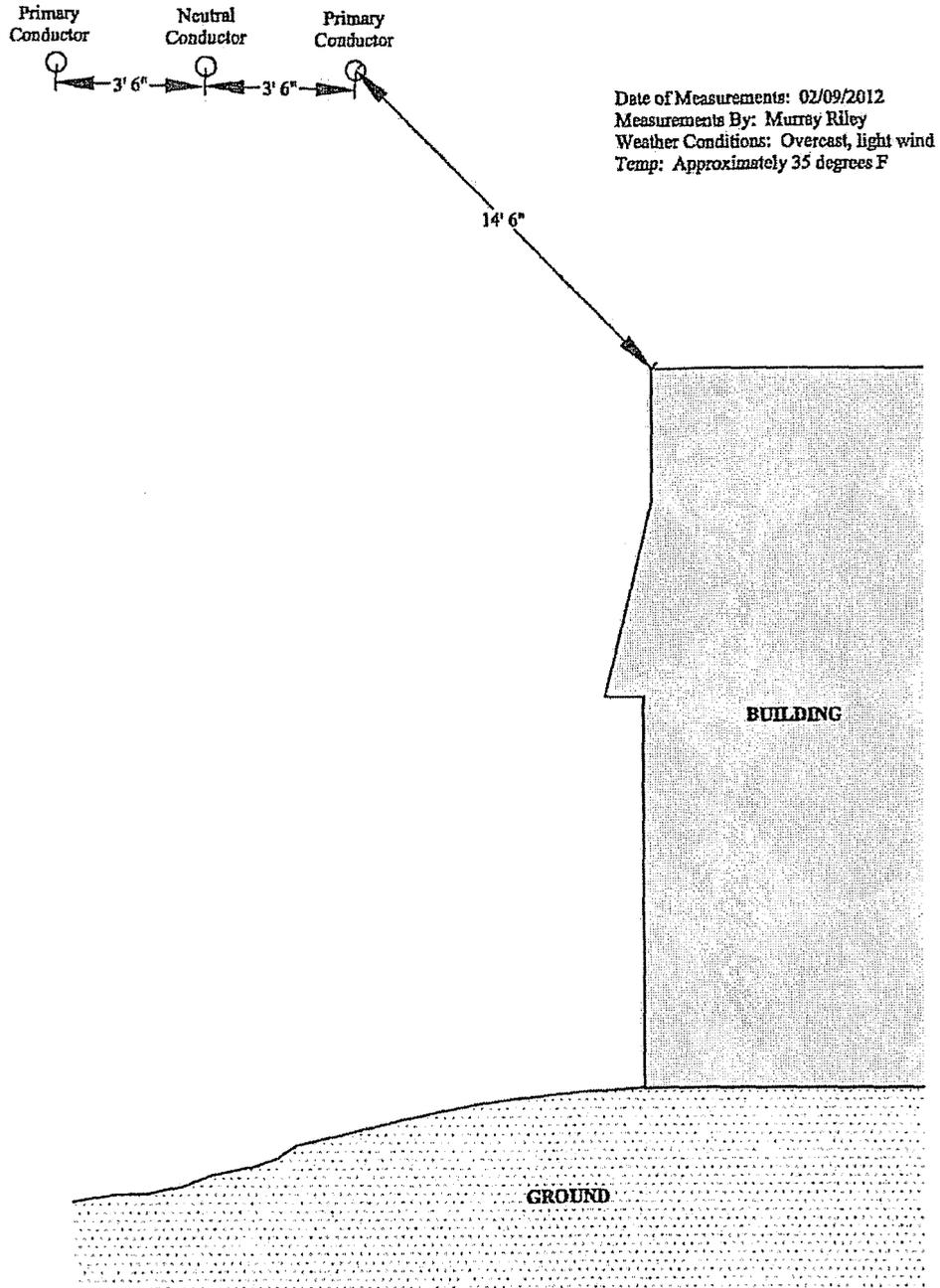
JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment G
Second Picture of Temporary Modifications Made 02/09/2012
Facing Southwest



JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment G
Measurements of Temporary Modifications Made 02/09/2012



JACKSON PURCHASE ENERGY CORPORATION (JPEC)
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment H
Transcript from Local News.

From: Murray Riley
To: Grain Center
Subject: Fwd: Script request
Date: Wednesday, February 08, 2012 11:45:12 AM

Sent from my iPhone

Begin forwarded message:

From: Lori Barrett <lbarrett@wpsdlocal6.com>
Date: February 8, 2012 11:06:38 AM CST
To: <murray.riley@jpecenergy.com>
Subject: Script request

This was in our 6 pm newscast on Tuesday, February 7th:

{Anchor:LAURA}
{Anchor:LAURA}
{ReadRate:15}
{**LAURA**}

A LOCAL MAN GOT SHOCKED WHILE INSTALLING A METAL ROOF.

{Notes:K1}
{<mos> 6P REIDLAND ELECTRIC SHOCK-VO</mos>}
{TAKE VO
DURATION:0:00}
{**VO**}
{Anchor:SCOTT}
{ReadRate:15}
{**SCOTT**}

{<mos> 2 Line Super VDO - | Electric Shock | Roofer Shocked While Installing A Metal Roof</mos>}
MCCRACKEN COUNTY SHERIFF'S DEPARTMENT SAYS A PIECE OF ROOFING
GOT INTO DROP LINES AND SHOCKED A ROOFER.
HE WAS INSTALLING A METAL ROOF ON LEE'S POOLS IN REIDLAND..
KENTUCKY.
DEPUTIES SAY THE ROOFER WAS CONSCIOUS BUT RECEIVED SECOND AND
THIRD DEGREE BURNS.
THE VICTIM WAS TAKEN TO A HOSPITAL FOR TREATMENT.
NO WORD ON HIS CONDITION.

Jackson Purchase Additional Information

Received 3-9-12

Steve Kingsolver

Kingsolver, Steve (PSC)

From: Craig Gerke <Craig.Gerke@jpenenergy.com>
Sent: Thursday, March 08, 2012 4:52 PM
To: Kingsolver, Steve (PSC)
Subject: RE: JPE Accident-2-7-12-Gordon
Attachments: Gordon_1 03082012.pdf; Gordon_2 03082012.pdf

Steve,

Once again I apologize for taking so long to get this information to you. Hopefully this is the type of information you were looking for. I have attached two scans of old staking sheets that I have been able to find showing the line in question. The first scan (Gordon_1 03082012) looks to have been drawn up in 1962 and shows the span as existing. In reviewing the staking sheet it appears this line was originally a single phase line that has since been converted to two phase. The second scan (Gordon_2 03082012) appears to have been drawn up in 1973 and shows the span as an existing two phase line. I have not been able to find a work order that shows when the line was converted from single phase to two phase. Please let me know if there is anything else I may help you with.

Craig Gerke
Jackson Purchase Energy Corporation
P.O. Box 4030
2900 Irvin Cobb Drive
Paducah, KY 42002-4030
Office: (270) 442-7321 ext. 2311
Fax: (270) 442-5337
craig.gerke@jpenenergy.com

From: Kingsolver, Steve (PSC) [<mailto:Steve.Kingsolver@ky.gov>]
Sent: Wednesday, March 07, 2012 6:45 PM
To: Craig Gerke
Subject: Re: JPE Accident-2-7-12-Gordon

Thanks. Looking forward to getting it.

Steve Kingsolver

From: Craig Gerke [<mailto:Craig.Gerke@jpenenergy.com>]
Sent: Wednesday, March 07, 2012 05:56 PM
To: Kingsolver, Steve (PSC)
Subject: RE: JPE Accident-2-7-12-Gordon

Steve,

I apologize that I have not been able to get back with you before now regarding the age of the line for the this incident. This process has taken longer than I had anticipated. I believe I have found something and will try to send it to you tomorrow. Thank you for your patience and please let me know if I can help you with anything else.

Craig Gerke
Jackson Purchase Energy Corporation
P.O. Box 4030
2900 Irvin Cobb Drive
Paducah, KY 42002-4030
Office: (270) 442-7321 ext. 2311
Fax: (270) 442-5337

craig.gerke@jpenenergy.com

From: Kingsolver, Steve (PSC) [<mailto:Steve.Kingsolver@ky.gov>]
Sent: Wednesday, March 07, 2012 1:14 PM
To: Craig Gerke
Subject: JPE Accident-2-7-12-Gordon

Craig,

Have you uncovered any additional information on the age of the line and poles where this accident took place? I am getting to the point that I need to start completing my accident report on this.

Let me know where you stand on this. Give me a call.

Thanks,

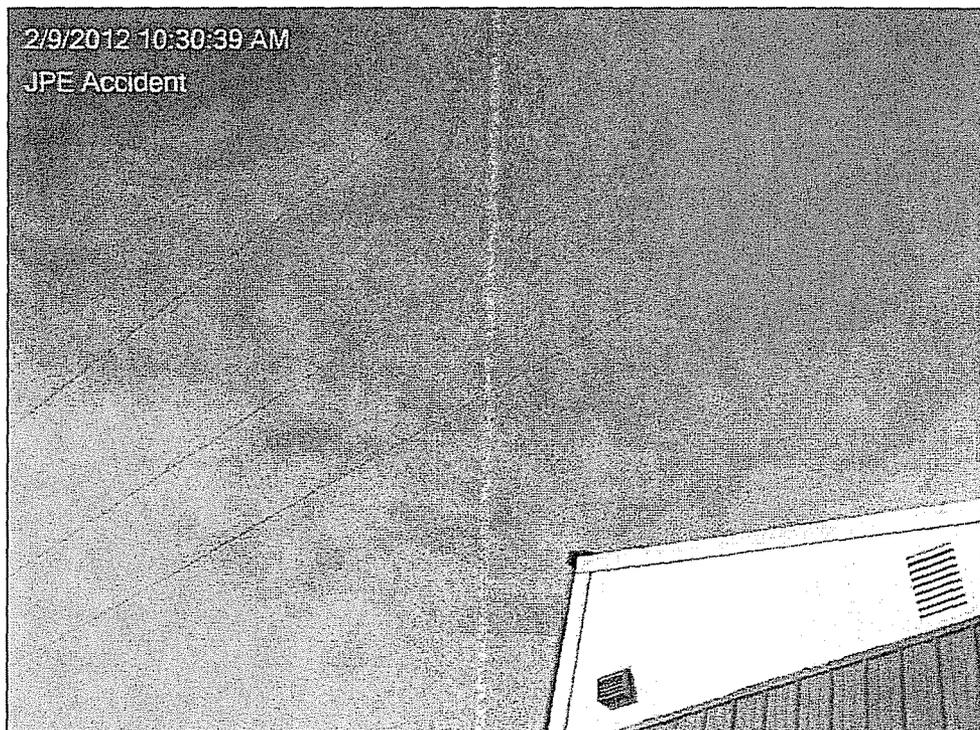
Steve Kingsolver

Attachment C

KPSC Photographs of Accident



#1



#2



#3



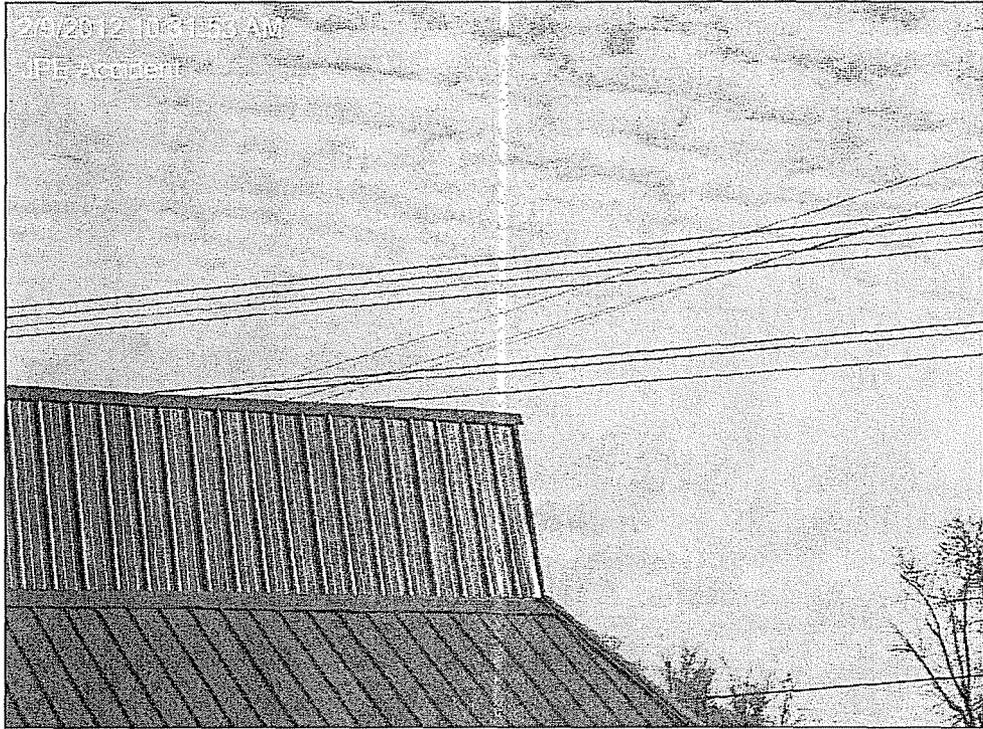
#4



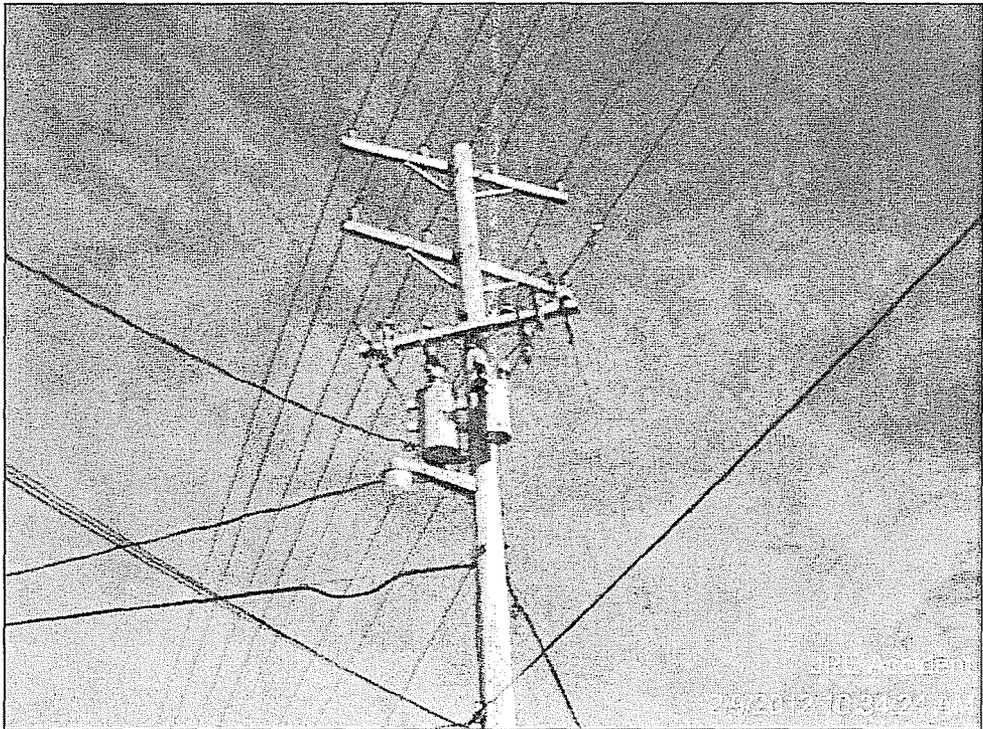
#5



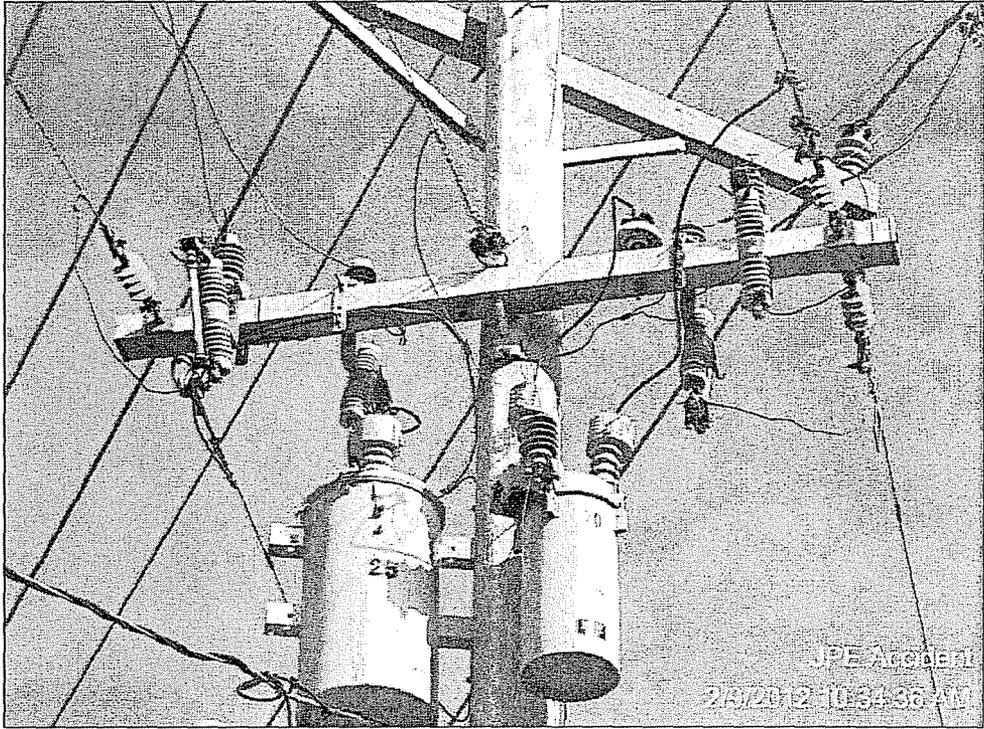
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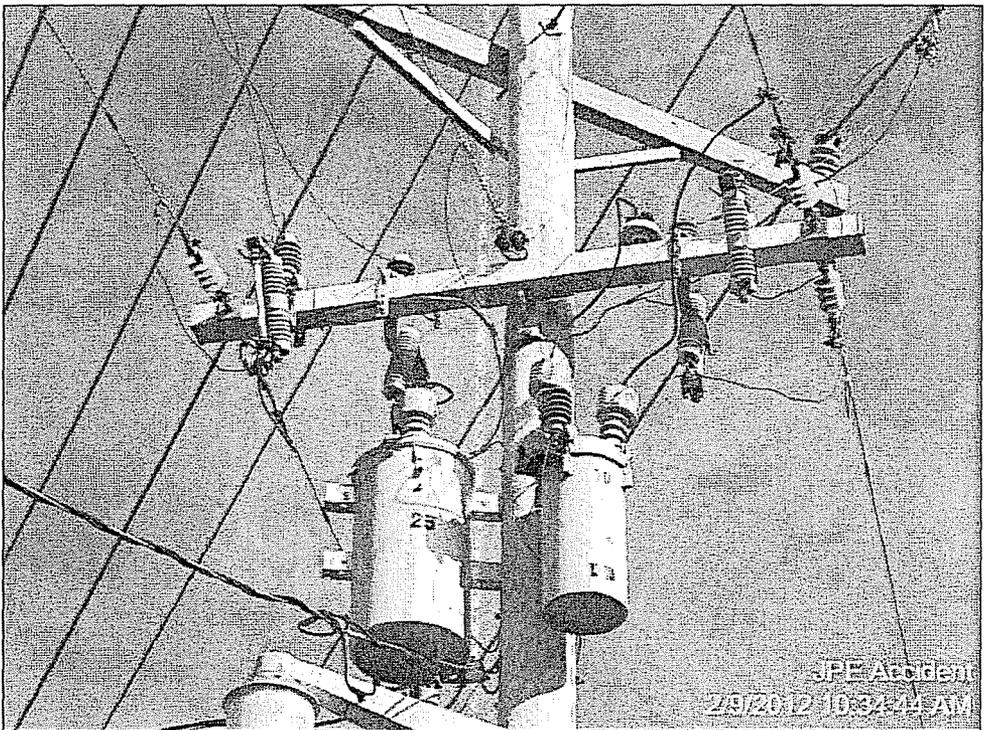
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#8



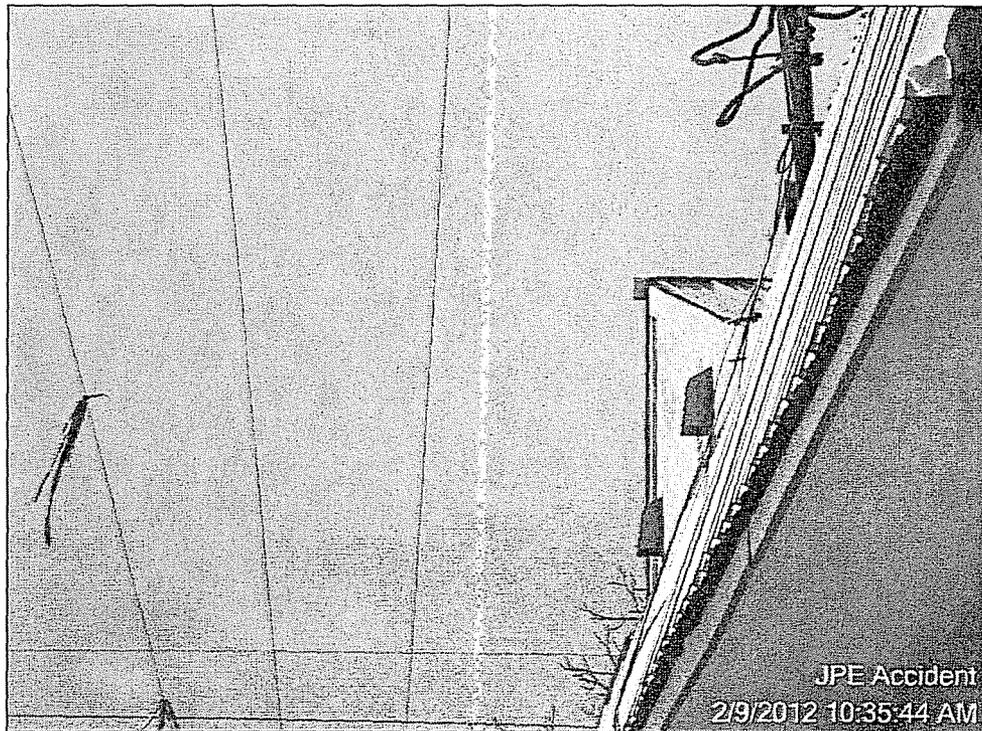
#9



#10



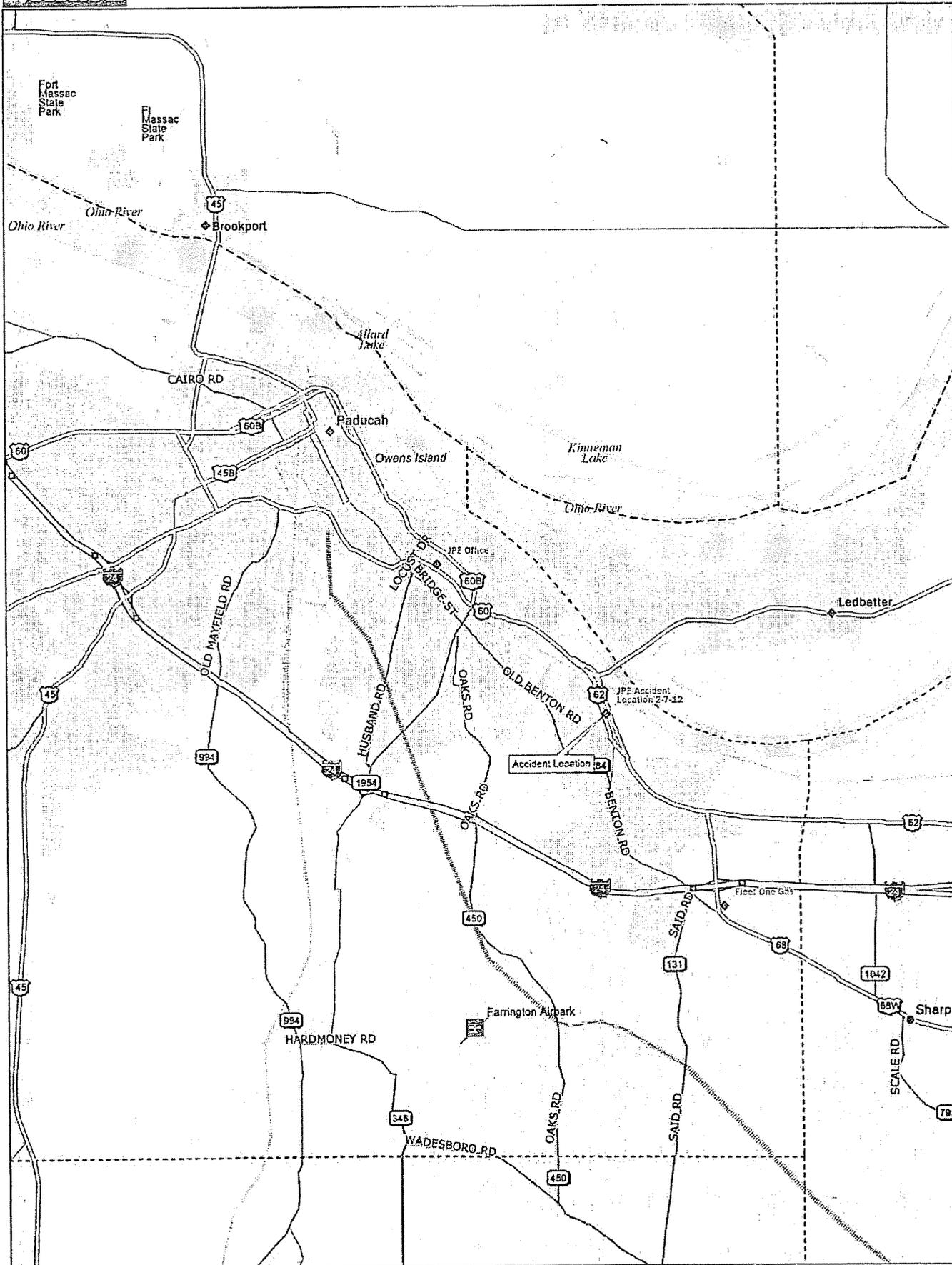
#11



#12

Attachment D

KPSC Maps



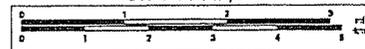
Data use subject to license.

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www.delorme.com



Scale 1 : 112,500



Attachment E

**1961 Edition of the National Electrical Safety Code
Section 234-C**

234. C. Clearances from Buildings—Continued

- (b) Clearance of wires from building surface shall be not less than those required in table 9 (rule 235, A, 3, (a)) for clearance of conductors from pole surfaces.

4. CONDUCTORS PASSING BY OR OVER BUILDINGS.

- (a) **MINIMUM CLEARANCES.** Unguarded or accessible supply conductors carrying voltages in excess of 300 volts may be run either beside or over buildings. The vertical or horizontal clearance to any building or its attachments (balconies, platforms, etc.) shall be as listed below. The horizontal clearance governs above the roof level to the point where the diagonal equals the vertical clearance requirement. From this point the diagonal clearance shall be equal to the vertical clearance requirement. This rule should not be interpreted as restricting the installation of a trolley contact conductor over the approximate center line of the track it serves.

- (1) **SPANS 0 TO 150 FEET.** For spans of 0 to 150 feet, the clearances shall be as given in table 4.

TABLE 4.—Clearances of supply conductors from buildings

Voltage of supply conductors	Horizontal clearance	Vertical clearance
	<i>Feet</i>	<i>Feet</i>
300 to 8,700.....	3	8
8,700 to 15,000.....	8	8
15,000 to 60,000.....	10	10
Exceeding 60,000.....	10 plus 0.4 inch per kv in excess.	10 plus 0.4 inch per kv in excess.

- (2) **SPANS EXCEEDING 150 FEET.** Where span lengths exceed 150 feet, the increased clearances required by rule 232, B, 1 shall be provided.

70

Clearances

234. C. Clearances from Buildings—Continued

Exception: These increased clearances are not required where the voltage of the supply conductors is from 300 to 8,700 volts.

- (b) **GUARDING OF SUPPLY CONDUCTORS.** Supply conductors of 300 volts or more shall be properly guarded by grounded conduit, barriers, or otherwise, under the following conditions:

- (1) Where the clearances set forth in table 4 (rule 234, C, 4, (a), (1)) cannot be obtained.
- (2) Where such supply conductors are placed near enough to windows, verandas, fire escapes, or other ordinarily accessible places, to be exposed to contact by persons.

Note: Supply conductors in grounded metal-sheathed cable are considered to be guarded within the meaning of this rule.

Attachment F

Site Diagram

SITE DIAGRAM.

NESC REQUIREMENTS
1961 EDITION

THE ENERGIZED PHASE CONDUCTOR
DOES NOT MEET OR EXCEED THE
NESC.

CLEARANCE ENVELOPE
AROUND BUILDING

VERTICAL
REQUIREMENT
8'

ENERGIZED
PHASE
CONDUCTOR

4'8"

3'

2'10.5"

HORIZONTAL
REQUIREMENT
3'

BUILDING

G. Kelly Nuckols
President & CEO
Jackson Purchase Energy Corporation
2900 Irvin Cobb Drive
P. O. Box 4030
Paducah, KY 42002-4030